SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Trade name : 1ST AYD GLASS CLEANER 19 OZ.

Product code : 29

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Glass Cleaner

1.3. Details of the supplier of the safety data sheet

First Ayd Corporation
1325 Gateway Drive
Elgin,IL 60123
T 800-422-3033

1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS US classification

Gases under pressure Compressed gas	H280	Contains gas under pressure; may explode if heated
Germ cell mutagenicity Category 1B	H340	May cause genetic defects
Carcinogenicity Category 1A	H350	May cause cancer

Full text of H- and EUH-statements: see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger

Hazard statements (GHS US) : H280 - Contains gas under pressure; may explode if heated
H340 - May cause genetic defects
H350 - May cause cancer

Precautionary statements (GHS US) : P410+P403 - Protect from sunlight. Store in a well-ventilated place.
P412 - Do not expose to temperatures exceeding 50 °C/ 122 °F.

2.3. Other hazards

Other hazards which do not result in classification : Contains gas under pressure; may explode if heated. None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Water	(CAS-No.) 7732-18-5	85 – 95	Not classified
Ethanol	(CAS-No.) 64-17-5	1 – 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Carc. 1A, H350
Petroleum Gases, Liquefied, Sweetened	(CAS-No.) 68476-86-8	1 – 5	Flam. Gas 1, H220 Press. Gas (Comp.), H280 Muta. 1B, H340 Carc. 1A, H350
1-Butoxy-2-Propanol	(CAS-No.) 5131-66-8	1 – 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Triethanolamine	(CAS-No.) 102-71-6	< 1	Not classified

Name	Product identifier	%	GHS US classification
Berol 609	(CAS-No.) Proprietary	< 1	Not classified
Methyl 2-Aminobenzoate	(CAS-No.) 134-20-3	0.009 – 0.012	Not classified
Benzyl Alcohol	(CAS-No.) 100-51-6	0.003 – 0.006	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332
Linalol	(CAS-No.) 78-70-6	0.001 – 0.003	Flam. Liq. 4, H227
Benzyl Acetate	(CAS-No.) 140-11-4	0.001 – 0.001	Not classified
Alpha-Terpineol	(CAS-No.) 98-55-5	0 – 0.001	Flam. Liq. 4, H227
Coumarin	(CAS-No.) 91-64-5	0 – 0.001	Acute Tox. 4 (Oral), H302
Diethyl Phthalate	(CAS-No.) 84-66-2	0 – 0.001	Not classified
Diethanolamine	(CAS-No.) 111-42-2	0 – 0.001	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Carc. 2, H351 STOT RE 2, H373
Vanillin	(CAS-No.) 121-33-5	< 0	Not classified
Cedarwood Oil, Virginia	(CAS-No.) 8000-27-9	< 0	Not classified
Cinnamon Oils	(CAS-No.) 8015-91-6	< 0	Not classified
Diphenyl Oxide	(CAS-No.) 101-84-8	< 0	Not classified
4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone	(CAS-No.) 81-14-1	< 0	Carc. 2, H351
Phenylacetaldehyde	(CAS-No.) 122-78-1	< 0	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302
Acetophenone	(CAS-No.) 98-86-2	< 0	Eye Irrit. 2, H319
White Spirit	(CAS-No.) 8052-41-3	< 0	Flam. Liq. 3, H226 Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304
Benzaldehyde	(CAS-No.) 100-52-7	< 0	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a POISON CENTER or doctor/physician.

First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : May cause genetic defects.

Symptoms/effects after inhalation : May cause cancer by inhalation.

Symptoms/effects after skin contact : May cause slight irritation . May cause moderate irritation. Itching. Red skin. Skin rash/inflammation.

Symptoms/effects after eye contact : May cause slight irritation. May cause slight eye irritation . Inflammation/damage of the eye tissue. Irritation of the eye tissue. Redness of the eye tissue.

Symptoms/effects after ingestion : May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : NFPA Aerosol Level 1.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources.

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Safety glasses.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill. Plug the leak, cut off the supply. Contain released product, collect/pump into suitable containers.

Methods for cleaning up : Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions . Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Separate working clothes from town clothes. Launder separately. Remove contaminated clothes. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage area : Store in a well-ventilated place.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1ST AYD GLASS CLEANER 19 OZ.	
No additional information available	

Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	1000 ppm Listed under Aliphatic hydrocarbon gases alkane C1-C4
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	1800 mg/m³
	1000 ppm
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA)	1800 mg/m³
	1000 ppm

Water (7732-18-5)	
No additional information available	

Triethanolamine (102-71-6)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	5 mg/m³

Methyl 2-Aminobenzoate (134-20-3)	
No additional information available	
Diethanolamine (111-42-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	1 mg/m³ (Inhalable fraction and vapor)
Linalol (78-70-6)	
No additional information available	
Benzyl Alcohol (100-51-6)	
No additional information available	
Benzyl Acetate (140-11-4)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	10 ppm
Alpha-Terpineol (98-55-5)	
No additional information available	
Vanillin (121-33-5)	
No additional information available	
Coumarin (91-64-5)	
No additional information available	
Diethyl Phthalate (84-66-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	5 mg/m³
Cedarwood Oil, Virginia (8000-27-9)	
No additional information available	
Cinnamon Oils (8015-91-6)	
No additional information available	
Diphenyl Oxide (101-84-8)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	1 ppm (Vapor fraction)
ACGIH OEL STEL	2 ppm (Vapor fraction)
4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
No additional information available	
Phenylacetaldehyde (122-78-1)	
No additional information available	
Acetophenone (98-86-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	10 ppm
White Spirit (8052-41-3)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	100 ppm
Benzaldehyde (100-52-7)	
No additional information available	
1-Butoxy-2-Propanol (5131-66-8)	
No additional information available	
Ethanol (64-17-5)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL STEL	1000 ppm
Berol 609 (Proprietary)	
No additional information available	

8.2. Appropriate engineering controls

Appropriate engineering controls : Local exhaust venilation, vent hoods . Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Safety glasses. Avoid all unnecessary exposure.

Materials for protective clothing:

Excellent resistance:

Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear appropriate mask

Personal protective equipment symbol(s):

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Gas
Appearance	:	Liquid.
Color	:	Colourless to light yellow.
Odor	:	Mild . Alcohol odour. Ammonia odour.
Odor threshold	:	No data available
pH	:	9
Relative evaporation rate (butyl acetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	-31.1 °C (Lowest Component-Propellant)
Flash point	:	-96.23 °C (Lowest Component-Propellant)
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability	:	No data available
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	No data available
Relative density	:	0.98
Solubility	:	Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Partition coefficient n-octanol/water (Log Kow)	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Explosion limits	:	No data available

9.2. Other information

VOC content	:	9.9 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Triethanolamine (102-71-6)	
LD50 oral rat	6400 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 7 day(s))
LD50 dermal rabbit	> 2000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Experimental value, Dermal, 14 day(s))
ATE US (oral)	6400 mg/kg body weight

Methyl 2-Aminobenzoate (134-20-3)	
LD50 oral rat	2910 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)
ATE US (oral)	2910 mg/kg body weight

Diethanolamine (111-42-2)	
LD50 oral rat	1600 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
ATE US (oral)	1600 mg/kg body weight

Linalol (78-70-6)	
LD50 oral rat	2790 mg/kg (Rat)
LD50 dermal rat	5610 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	5610 mg/kg body weight

Benzyl Alcohol (100-51-6)	
LD50 oral rat	1620 mg/kg bw/day (Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg body weight (EPA OTS 798.1100, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 4.178 mg/l/4h (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol))
ATE US (oral)	1620 mg/kg body weight
ATE US (dust, mist)	1.5 mg/l/4h

Benzyl Acetate (140-11-4)	
LD50 oral rat	> 2000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 15 day(s))
LD50 dermal rabbit	> 5000 mg/kg body weight (Rabbit, Experimental value, Dermal, 14 day(s))

Alpha-Terpineol (98-55-5)	
LD50 oral rat	4300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male, Oral)
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Read-across)
ATE US (oral)	4300 mg/kg body weight

Vanillin (121-33-5)	
LD50 oral rat	3300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	3300 mg/kg body weight

Coumarin (91-64-5)	
LD50 oral rat	300 – 900 mg/kg (Rat)
ATE US (oral)	300 mg/kg body weight

Cedarwood Oil, Virginia (8000-27-9)	
LD50 oral rat	> 5000 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)

Cinnamon Oils (8015-91-6)	
LD50 oral rat	2650 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)
ATE US (oral)	2650 mg/kg body weight

Diphenyl Oxide (101-84-8)	
LD50 oral rat	2830 mg/kg body weight (Rat, Female, Oral)
LD50 dermal rabbit	> 7940 mg/kg body weight (24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	2830 mg/kg body weight

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
LD50 oral rat	> 10000 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit, Dermal)

Phenylacetaldehyde (122-78-1)	
LD50 oral rat	1550 mg/kg (Equivalent or similar to OECD 401, Rat, Experimental value, Oral)
ATE US (oral)	1550 mg/kg body weight

Acetophenone (98-86-2)	
LD50 oral rat	2081 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 014 day(s))
LD50 dermal rat	3300 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	2081 mg/kg body weight
ATE US (dermal)	3300 mg/kg body weight

Benzaldehyde (100-52-7)	
ATE US (oral)	500 mg/kg body weight

1-Butoxy-2-Propanol (5131-66-8)	
LD50 oral rat	3300 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	3300 mg/kg body weight

Ethanol (64-17-5)	
LD50 oral rat	10470 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 15800 mg/kg body weight (Rabbit, Experimental value, Dermal)
LC50 Inhalation - Rat	125 mg/l/4h (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
ATE US (oral)	10470 mg/kg body weight
ATE US (vapors)	125 mg/l/4h
ATE US (dust, mist)	125 mg/l/4h

Skin corrosion/irritation : Not classified
pH: 9

Serious eye damage/irritation : Not classified
pH: 9

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

Triethanolamine (102-71-6)	
IARC group	3 - Not classifiable

Diethanolamine (111-42-2)	
IARC group	2B - Possibly carcinogenic to humans

Benzyl Acetate (140-11-4)	
IARC group	3 - Not classifiable

Coumarin (91-64-5)	
IARC group	3 - Not classifiable

Ethanol (64-17-5)	
IARC group	1 - Carcinogenic to humans

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Diethanolamine (111-42-2)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

White Spirit (8052-41-3)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not applicable

Viscosity, kinematic : No data available

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : May cause genetic defects.

Symptoms/effects after inhalation : May cause cancer by inhalation.

Symptoms/effects after skin contact : May cause slight irritation . May cause moderate irritation. Itching. Red skin. Skin rash/inflammation.

Symptoms/effects after eye contact : May cause slight irritation. May cause slight eye irritation . Inflammation/damage of the eye tissue. Irritation of the eye tissue. Redness of the eye tissue.

Symptoms/effects after ingestion : May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Triethanolamine (102-71-6)	
LC50 - Fish [1]	11800 mg/l (APHA, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	609.88 mg/l (ASTM E1192, 48 h, Ceriodaphnia dubia, Static system, Fresh water, Experimental value, Lethal)
ErC50 algae	216 mg/l (DIN 38412-9, 72 h, Scenedesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

Diethanolamine (111-42-2)	
LC50 - Fish [1]	460 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	30.1 – 89.9 mg/l (ASTM E729-80, 48 h, Ceriodaphnia dubia, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	9.5 mg/l (EPA 600/9-78-018, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)

Linalol (78-70-6)	
EC50 - Crustacea [1]	59 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna)
EC50 - Other aquatic organisms [1]	≥ 100 mg/l (3 h; Activated sludge)
LC50 - Fish [2]	27.8 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri)
Threshold limit - Algae [1]	88.3 mg/l (EC50; 96 h)

Benzyl Alcohol (100-51-6)	
LC50 - Fish [1]	460 mg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	230 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	770 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

Benzyl Acetate (140-11-4)	
LC50 - Fish [1]	4 mg/l (ASTM E729-80, 96 h, Oryzias latipes, Flow-through system, Fresh water, Experimental value)
EC50 - Crustacea [1]	17 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, GLP)

Vanillin (121-33-5)	
LC50 - Fish [1]	57 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 - Crustacea [1]	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

Coumarin (91-64-5)	
LC50 - Fish [1]	56 mg/l (LC50; 96 h)
EC50 - Crustacea [1]	135 mg/l (EC50; 48 h)

Diethyl Phthalate (84-66-2)	
LC50 - Fish [1]	12 mg/l (EPA 660/3 - 75/009, 96 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value)
ErC50 algae	45 mg/l (Equivalent or similar to OECD 201, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

Diphenyl Oxide (101-84-8)	
LC50 - Fish [1]	4.2 mg/l (EPA 660/3 - 75/009, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value)
EC50 - Crustacea [1]	1.96 mg/l (Equivalent or similar to OECD 202, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	0.58 mg/l (Equivalent or similar to OECD 201, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
LC50 - Fish [1]	> 0.5 mg/l (504 h, Salmo gairdneri, Flow-through system)
EC50 - Crustacea [1]	> 0.46 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)

Phenylacetaldehyde (122-78-1)	
LC50 - Fish [1]	> 6.2 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	20 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

Acetophenone (98-86-2)	
LC50 - Fish [1]	162 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
ErC50 algae	86.4 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

Benzaldehyde (100-52-7)	
LC50 - Fish [1]	12.4 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	50 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)

1-Butoxy-2-Propanol (5131-66-8)	
LC50 - Fish [1]	560 – 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Poecilia reticulata, Static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	> 1000 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

Ethanol (64-17-5)	
LC50 - Fish [1]	15300 mg/l (US EPA, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)

12.2. Persistence and degradability

1ST AYD GLASS CLEANER 19 OZ.	
Persistence and degradability	Not established.

Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
Persistence and degradability	Not established.

Water (7732-18-5)	
Persistence and degradability	Not established.

Triethanolamine (102-71-6)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water. Not established.
Biochemical oxygen demand (BOD)	0.02 g O_2/g substance
Chemical oxygen demand (COD)	1.5 g O_2/g substance
ThOD	2.04 g O_2/g substance

Methyl 2-Aminobenzoate (134-20-3)	
Persistence and degradability	Not established.

Diethanolamine (111-42-2)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.22 g O_2/g substance
Chemical oxygen demand (COD)	1.52 g O_2/g substance
ThOD	2.13 g O_2/g substance

Linalol (78-70-6)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.531 g O_2/g substance
Chemical oxygen demand (COD)	2.808 g O_2/g substance

Benzyl Alcohol (100-51-6)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water. Not established.

Benzyl Acetate (140-11-4)	
Persistence and degradability	Readily biodegradable in water. Not established.

Alpha-Terpineol (98-55-5)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water. Not established.
ThOD	2.9 g O_2/g substance

Vanillin (121-33-5)	
Persistence and degradability	Readily biodegradable in water. Not established.

Coumarin (91-64-5)	
Persistence and degradability	Readily biodegradable in water. Photolysis in the air.

Diethyl Phthalate (84-66-2)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water. Not established.

Cedarwood Oil, Virginia (8000-27-9)	
Persistence and degradability	Not established.

Cinnamon Oils (8015-91-6)	
Persistence and degradability	Not established.

Diphenyl Oxide (101-84-8)	
Persistence and degradability	Readily biodegradable in water. Not established.
Biochemical oxygen demand (BOD)	1.68 – 2 g O_2/g substance
Chemical oxygen demand (COD)	2.19 – 2.5 g O_2/g substance
ThOD	2.63 g O_2/g substance
BOD (% of ThOD)	0.72

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
Persistence and degradability	Not readily biodegradable in water. Not established.

Phenylacetaldehyde (122-78-1)	
Persistence and degradability	Readily biodegradable in water.

Acetophenone (98-86-2)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water. Not established.
Biochemical oxygen demand (BOD)	0.518 g O_2/g substance
Chemical oxygen demand (COD)	2.532 g O_2/g substance
ThOD	2.532 g O_2/g substance

White Spirit (8052-41-3)	
Persistence and degradability	Not established.

Benzaldehyde (100-52-7)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water. Not established.
Biochemical oxygen demand (BOD)	1.62 g O_2/g substance
Chemical oxygen demand (COD)	1.98 g O_2/g substance
ThOD	2.42 g O_2/g substance
BOD (% of ThOD)	0.67

1-Butoxy-2-Propanol (5131-66-8)	
Persistence and degradability	Readily biodegradable in water. Not established.

Ethanol (64-17-5)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil. Not established.

Ethanol (64-17-5)	
Biochemical oxygen demand (BOD)	0.8 – 0.967 g O_2/g substance
Chemical oxygen demand (COD)	1.7 g O_2/g substance
ThOD	2.1 g O_2/g substance

Berol 609 (Proprietary)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

1ST AYD GLASS CLEANER 19 OZ.	
Bioaccumulative potential	Not established.

Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
Bioaccumulative potential	Not established.

Water (7732-18-5)	
Bioaccumulative potential	Not established.

Triethanolamine (102-71-6)	
BCF - Fish [1]	0.4 – 3.9 l/kg (Equivalent or similar to OECD 305, 6 week(s), Cyprinus carpio, Flow-through system, Fresh water, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-1.9 (Weight of evidence approach, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500). Not established.

Methyl 2-Aminobenzoate (134-20-3)	
Partition coefficient n-octanol/water (Log Pow)	2.17 (Practical experience/observation, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 22 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Diethanolamine (111-42-2)	
BCF - Fish [1]	3.162 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-2.18 – -1.43 (Experimental value)
Bioaccumulative potential	Not bioaccumulative.

Linalol (78-70-6)	
Partition coefficient n-octanol/water (Log Pow)	2.84 – 3.145
Bioaccumulative potential	Bioaccumable.

Benzyl Alcohol (100-51-6)	
BCF - Fish [1]	1.37 l/kg (BCFBAF v3.01, Estimated value)
Partition coefficient n-octanol/water (Log Pow)	1 – 1.1 (Experimental value, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Benzyl Acetate (140-11-4)	
BCF - Fish [1]	8 (Pisces, Flow-through system, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	1.96 (Experimental value, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Alpha-Terpineol (98-55-5)	
Partition coefficient n-octanol/water (Log Pow)	2.57 (Estimated value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Vanillin (121-33-5)	
Partition coefficient n-octanol/water (Log Pow)	1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Coumarin (91-64-5)	
BCF - Fish [1]	< 10 (BCF; 72 h)
BCF - Other aquatic organisms [1]	42 (BCF; 24 h; Chlorella sp.)
Partition coefficient n-octanol/water (Log Pow)	1.39
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Diethyl Phthalate (84-66-2)	
Partition coefficient n-octanol/water (Log Pow)	2.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 40 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Cedarwood Oil, Virginia (8000-27-9)	
Bioaccumulative potential	No test data of component(s) available. Not established.

Cinnamon Oils (8015-91-6)	
Bioaccumulative potential	No test data of component(s) available. Not established.

Diphenyl Oxide (101-84-8)	
BCF - Fish [1]	155 – 200 (4 day(s), Oncorhynchus mykiss, Fresh water, Experimental value, Muscles)
Partition coefficient n-octanol/water (Log Pow)	4.21 (Experimental value, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500). Not established.

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
BCF - Fish [1]	1380 (831 h, Salmo gairdneri)
Partition coefficient n-octanol/water (Log Pow)	4.3 (OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000). Not established.

Phenylacetaldehyde (122-78-1)	
Partition coefficient n-octanol/water (Log Pow)	1.44 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Acetophenone (98-86-2)	
BCF - Fish [1]	0.475 (BCFWIN, Pisces, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	1.61 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

White Spirit (8052-41-3)	
Partition coefficient n-octanol/water (Log Pow)	-3.16 – 7.06
Bioaccumulative potential	Not bioaccumulative. Not established.

Benzaldehyde (100-52-7)	
BCF - Other aquatic organisms [1]	4.2 – 7.8 (Literature study, Estimated value)
Partition coefficient n-octanol/water (Log Pow)	1.4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

1-Butoxy-2-Propanol (5131-66-8)	
Partition coefficient n-octanol/water (Log Pow)	1.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Ethanol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	-0.35 (Experimental value, Equivalent or similar to OECD 107, 24 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Berol 609 (Proprietary)	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

Triethanolamine (102-71-6)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.06 – 1.27 (log Koc, SRC PCKOCWIN v1.66, Calculated value)
Ecology - soil	Highly mobile in soil.

Methyl 2-Aminobenzoate (134-20-3)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.7 (log Koc, QSAR)

Diethanolamine (111-42-2)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.98 – 1 (log Koc, Calculated value)
Ecology - soil	Highly mobile in soil.

Benzyl Alcohol (100-51-6)	
Surface tension	39 mN/m (20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.122 – 1.332 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.

Benzyl Acetate (140-11-4)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.4 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Low potential for adsorption in soil.

Vanillin (121-33-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.438 (log Koc, Experimental value)
Ecology - soil	Low potential for mobility in soil.

Diethyl Phthalate (84-66-2)	
Surface tension	37.5 mN/m (20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.34 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Low potential for adsorption in soil.

Diphenyl Oxide (101-84-8)	
Surface tension	39 mN/m (25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.3 (log Koc, Experimental value)
Ecology - soil	Low potential for mobility in soil.

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
Surface tension	44 mN/m

Phenylacetaldehyde (122-78-1)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.31 – 1.49 (log Koc, SRC PCKOCWIN v2.0, Estimated value)
Ecology - soil	Highly mobile in soil.

Acetophenone (98-86-2)	
Surface tension	39.04 mN/m (25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.34 – 1.98 (log Koc, Equivalent or similar to OECD 106, Experimental value)
Ecology - soil	Highly mobile in soil.

White Spirit (8052-41-3)	
Surface tension	20 mN/m (20 °C)

Benzaldehyde (100-52-7)	
Surface tension	70.5 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.75 (log Koc)
Ecology - soil	Highly mobile in soil.

1-Butoxy-2-Propanol (5131-66-8)	
Surface tension	27.6 mN/m (20 °C, 100 %, OECD 115: Surface Tension of Aqueous Solutions)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.636 – 0.965 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

Ethanol (64-17-5)	
Surface tension	22.31 mN/m (20 °C, 100 %)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.2 (log Koc, Experimental value)
Ecology - soil	Highly mobile in soil.

12.5. Other adverse effects

Effect on global warming : No known effects from this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Container under pressure. Do not drill or burn even after use. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

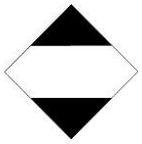
Ecological information : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

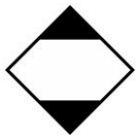
Transport document description (DOT)	:	UN1950 Aerosols (Non-flammable, (each not exceeding 1 L capacity)), 2.2, Limited Quantity
UN-No.(DOT)	:	UN1950
Proper Shipping Name (DOT)	:	Aerosols Non-flammable, (each not exceeding 1 L capacity)
Class (DOT)	:	2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115
Hazard labels (DOT)	:	LTD QTY - Limited quantity



DOT Packaging Non Bulk (49 CFR 173.xxx)	:	None
DOT Packaging Bulk (49 CFR 173.xxx)	:	None
DOT Packaging Exceptions (49 CFR 173.xxx)	:	306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	150 kg
DOT Vessel Stowage Location	:	A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	:	48 - Stow ‘‘away from’’ sources of heat,87 - Stow ‘‘separated from’’ Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials
Other information	:	No supplementary information available.

Transport by sea

UN-No. (IMDG)	:	1950
Proper Shipping Name (IMDG)	:	Aerosols
Class (IMDG)	:	2.2 - Non-flammable, non-toxic gases
Hazard labels (IMDG)	:	LTD QTY - Limited Quantity



Air transport

UN-No. (IATA)	:	1950
Proper Shipping Name (IATA)	:	Aerosols
Class (IATA)	:	2.2 - Gases : Non-flammable, non-toxic
Hazard labels (IATA)	:	LTD QTY - Limited Quantity

SECTION 15: Regulatory information

15.1. US Federal regulations

1ST AYD GLASS CLEANER 19 OZ.	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard Sudden release of pressure hazard

Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Fire hazard Sudden release of pressure hazard

Triethanolamine (102-71-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Methyl 2-Aminobenzoate (134-20-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Diethanolamine (111-42-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	100 lb
SARA Section 313 - Emission Reporting	1 %

Linalol (78-70-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Benzyl Alcohol (100-51-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Benzyl Acetate (140-11-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Alpha-Terpineol (98-55-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Vanillin (121-33-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Coumarin (91-64-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Diethyl Phthalate (84-66-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
CERCLA RQ	1000 lb

Cedarwood Oil, Virginia (8000-27-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Cinnamon Oils (8015-91-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Diphenyl Oxide (101-84-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Phenylacetaldehyde (122-78-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Acetophenone (98-86-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
EPA TSCA Regulatory Flag	TP - TP - indicates a substance that is the subject of a proposed TSCA section 4 test rule.
CERCLA RQ	5000 lb
SARA Section 313 - Emission Reporting	1 %

White Spirit (8052-41-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Benzaldehyde (100-52-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

1-Butoxy-2-Propanol (5131-66-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

15.2.2. National regulations

Methyl 2-Aminobenzoate (134-20-3)

Diethanolamine (111-42-2)

Listed on IARC (International Agency for Research on Cancer)
Listed on EPA Hazardous Air Pollutant (HAPS)

Linalol (78-70-6)

Benzyl Alcohol (100-51-6)

Benzyl Acetate (140-11-4)

Alpha-Terpineol (98-55-5)

Vanillin (121-33-5)

Coumarin (91-64-5)

Diethyl Phthalate (84-66-2)

Cedarwood Oil, Virginia (8000-27-9)

Cinnamon Oils (8015-91-6)

Diphenyl Oxide (101-84-8)

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)

Phenylacetaldehyde (122-78-1)

Acetophenone (98-86-2)

Listed on EPA Hazardous Air Pollutant (HAPS)

White Spirit (8052-41-3)

Benzaldehyde (100-52-7)

1-Butoxy-2-Propanol (5131-66-8)

15.3. US State regulations

1ST AYD GLASS CLEANER 19 OZ.()	
U.S. - California - Proposition 65 - Carcinogens List	No
U.S. - California - Proposition 65 - Developmental Toxicity	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
State or local regulations	U.S. - California - Proposition 65

Petroleum Gases, Liquefied, Sweetened (68476-86-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Water (7732-18-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Triethanolamine (102-71-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Methyl 2-Aminobenzoate (134-20-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 -	U.S. - California - Proposition 65 -	No significant risk level (NSRL)

Methyl 2-Aminobenzoate (134-20-3)				
		Reproductive Toxicity - Female	Reproductive Toxicity - Male	
No	No	No	No	

Diethanolamine (111-42-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	

Linalol (78-70-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Benzyl Alcohol (100-51-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Benzyl Acetate (140-11-4)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Alpha-Terpineol (98-55-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Vanillin (121-33-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Coumarin (91-64-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Diethyl Phthalate (84-66-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Cedarwood Oil, Virginia (8000-27-9)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Cinnamon Oils (8015-91-6)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Diphenyl Oxide (101-84-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Phenylacetaldehyde (122-78-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Acetophenone (98-86-2)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

White Spirit (8052-41-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Benzaldehyde (100-52-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

1-Butoxy-2-Propanol (5131-66-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Ethanol (64-17-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Berol 609 (Proprietary)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	

Triethanolamine (102-71-6)

State or local regulations

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Diethanolamine (111-42-2)

State or local regulations

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. – New York City – Right to Know Hazardous Substances List
U.S. - Pennsylvania - RTK (Right to Know) List

Benzyl Alcohol (100-51-6)

State or local regulations

U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List

Benzyl Acetate (140-11-4)

State or local regulations

U.S. - New Jersey - Right to Know Hazardous Substance List

Diethyl Phthalate (84-66-2)

State or local regulations

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. – New York City – Right to Know Hazardous Substances List
U.S. - Pennsylvania - RTK (Right to Know) List

Diphenyl Oxide (101-84-8)

State or local regulations

U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. – New York City – Right to Know Hazardous Substances List
U.S. - Pennsylvania - RTK (Right to Know) List

Acetophenone (98-86-2)

State or local regulations

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. – New York City – Right to Know Hazardous Substances List
U.S. - Pennsylvania - RTK (Right to Know) List

White Spirit (8052-41-3)

State or local regulations

U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. – New York City – Right to Know Hazardous Substances List
U.S. - Pennsylvania - RTK (Right to Know) List

Benzaldehyde (100-52-7)

State or local regulations

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. – New York City – Right to Know Hazardous Substances List
U.S. - Pennsylvania - RTK (Right to Know) List

Ethanol (64-17-5)

State or local regulations

U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List

Ethanol (64-17-5)
U.S. – New York City – Right to Know Hazardous Substances List U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Other information : None.

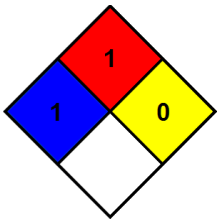
Full text of hazard classes and H-statements:

H220	Extremely flammable gas
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H227	Combustible liquid
H280	Contains gas under pressure; may explode if heated
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 1 Slight Hazard

Physical : 1 Slight Hazard

Personal protection : B

The Supplier identified in Section 1 of this SDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.