

SAFETY DATA SHEET

1. Identification

Product number SP203
Product identifier **MARTIN YALE RUBBER ROLLER CLEANER AND REJUVENATOR**
Revision date 02-10-2015
Company information MARTIN YALE INDUSTRIES
251 WEDCOR
WABASH, IN 46992 United States
Company phone 219-563-0641
Emergency telephone US 1-866-836-8855
Emergency telephone outside US 1-952-852-4646
Version # 05
Supersedes date 02-24-2014
Recommended use Cleaner
Recommended restrictions None known.

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1
Health hazards Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2A
Specific target organ toxicity, single exposure Category 3 narcotic effects
Aspiration hazard Category 1
Environmental hazards Not classified.
OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary statement

Prevention Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves. Wear eye/face protection.

Response If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|---|--------------------------|------------|----------|
| Propylene Glycol Methyl Ether | | 107-98-2 | 20 - 40 |
| Solvent Naphtha (petroleum), Light Aliph. | | 64742-89-8 | 20 - 40 |
| Dipropylene Glycol Monomethyl Ether | | 34590-94-8 | 10 - 20 |
| Hexylene Glycol | | 107-41-5 | 10 - 20 |
| Isopropyl Alcohol | | 67-63-0 | 2.5 - 10 |
| Propane | | 74-98-6 | 2.5 - 10 |
| Other components below reportable levels | | | 0.1 - 1 |

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

| | |
|--|--|
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| Skin contact | Take off immediately all contaminated clothing. Remove contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Wash clothing separately before reuse. |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. |
| Ingestion | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| Most important symptoms/effects, acute and delayed | Causes serious eye irritation. Irritation of nose and throat. Aspiration may cause pulmonary edema and pneumonitis. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Skin irritation. May cause redness and pain. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| General information | Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. |

5. Fire-fighting measures

| | |
|---|--|
| Suitable extinguishing media | Powder. Alcohol resistant foam. Water fog. Carbon dioxide (CO ₂). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. |
| Fire-fighting equipment/instructions | Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes. |
| General fire hazards | Extremely flammable aerosol. |

6. Accidental release measures

| | |
|---|---|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
|---|---|

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Environmental precautions

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental manager must be informed of all major releases. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid contact with skin, eyes and clothing. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not re-use empty containers. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value |
|--|------|-----------------------------------|
| Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) | PEL | 600 mg/m3 |
| Isopropyl Alcohol (CAS 67-63-0) | PEL | 100 ppm 980 mg/m3 |
| Propane (CAS 74-98-6) | PEL | 400 ppm 1800 mg/m3 1000 ppm |

ACGIH
Components

Type

Value

Solvent Naphtha (petroleum), Light Aliph. (CAS 64742-89-8)

TWA

400 ppm

US. ACGIH Threshold Limit Values
Components

Type

Value

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)

STEL

150 ppm

Hexylene Glycol (CAS 107-41-5)

TWA
Ceiling

100 ppm
25 ppm

Isopropyl Alcohol (CAS 67-63-0)

STEL

400 ppm

Propylene Glycol Methyl Ether (CAS 107-98-2)

TWA
STEL

200 ppm
100 ppm

TWA

50 ppm

Product name: Rubber Roller Cleaner

Product #: 203-003, 1149, 1000012066 Version #: 05 Revision date: 02-10-2015 Issue date: 11-01-2013

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| Type | Value |
|---------|---------------------------------|
| STEL | 900 mg/m3 |
| TWA | 150 ppm 600 mg/m3 100 ppm |
| Ceiling | 125 mg/m3 |
| STEL | 25 ppm 1225 mg/m3 |
| TWA | 500 ppm 980 mg/m3 400 ppm |
| TWA | 1800 mg/m3 1000 ppm |
| STEL | 540 mg/m3 |
| TWA | 150 ppm 360 mg/m3 100 ppm |

Biological limit values

ACGIH Biological Exposure Indices
Components Value

| Determinant | Specimen | Sampling Time |
|---------------------------------|----------|-----------------|
| Isopropyl Alcohol (CAS 67-63-0) | 40 mg/l | Acetone Urine * |

* - For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

Propylene Glycol Methyl Ether (CAS 107-98-2) Can be absorbed through the skin.

US - Tennessee OELs: Skin designation

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) Can be absorbed through the skin.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical respirator with organic vapor cartridge and full facepiece.

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear appropriate chemical resistant clothing.

Respiratory protection Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

| | |
|---|--|
| Physical state | Liquid. Form |
| | Aerosol. Color |
| | Not available. |
| Odor | Not available. |
| Odor threshold | Not available. |
| pH | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | 175 °F (79.44 °C) estimated |
| Flash point | 53.0 °F (11.7 °C) Concentrate+Propellant estimated |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |

Upper/lower flammability or explosive limits

| | |
|--------------------------------|----------------|
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | 12 % estimated |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |

| | |
|---|------------------------------|
| Vapor pressure | 80 - 100 psig @70F estimated |
| Vapor density | Not available. |
| Relative density | 0.505 g/cm3 estimated |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 797 °F (425 °C) estimated |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |

Other information

| | |
|-------------------------------|------------------------|
| Density | 0.47 g/cm3 estimated |
| Flammability class | Flammable IB estimated |
| Heat of combustion | 35.33 kJ/g estimated |
| Heat of combustion (NFPA 30B) | 35.33 kJ/g estimated |
| Percent volatile | 12.69 % estimated |
| Specific gravity | 0.471 estimated |
| VOC (Weight %) | 12.69 % estimated |

10. Stability and reactivity

| | |
|------------------------------------|--|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | Hazardous polymerization does not occur. |
| Conditions to avoid | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Strong acids. Strong oxidizing agents. Isocyanates. Chlorine. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| | |
|--------------|--|
| Ingestion | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia. |
| Inhalation | May cause drowsiness and dizziness. Headache. Nausea, vomiting. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes serious eye irritation. |

Symptoms related to the physical, chemical and toxicological characteristics

If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death. Causes serious eye irritation. Irritation of nose and throat. Aspiration may cause pulmonary edema and pneumonitis. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. May cause central nervous system effects.

Information on toxicological effects

Acute toxicity

May be fatal if swallowed and enters airways. Narcotic effects. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

| Components | Species | Test Results |
|--|---------|------------------------|
| Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 9510 mg/kg, 24 Hours |
| | | 10 ml/kg, 24 Hours |
| | Rat | > 19020 mg/kg, Hours |
| | | > 20 ml/kg, Hours |
| Inhalation | | |
| LC50 | Rat | > 553 ppm, 8 Hours |
| | | > 275 ppm, 7 Hours |
| Oral | | |
| LD50 | Dog | 7.5 ml/kg |
| | Rat | 5.4 ml/kg |
| Hexylene Glycol (CAS 107-41-5) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 13.3 ml/kg, 24 Hours |
| Oral | | |
| LD50 | Rat | 4700 mg/kg |
| Isopropyl Alcohol (CAS 67-63-0) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 16.4 ml/kg, 24 Hours |
| Inhalation | | |
| LC50 | Rat | > 10000 ppm, 6 Hours |
| Oral | | |
| LD50 | Rat | 5.84 g/kg |
| Propane (CAS 74-98-6) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Mouse | 1237 mg/l, 120 Minutes |
| | | 52 %, 120 Minutes |
| | Rat | 1355 mg/l |
| | | 658 mg/l/4h |

| Components | Species | Test Results |
|--|--|--------------------------|
| Propylene Glycol Methyl Ether (CAS 107-98-2) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 13000 mg/kg, 24 Hours |
| | | 14.1 ml/kg, 24 Hours |
| | Rat | > 2000 mg/kg, Days |
| Inhalation | | |
| LC100 | Rat | 10400 ppm |
| LC50 | Mouse | 6000 - 7000 ppm, 6 Hours |
| Oral | | |
| LD50 | Dog | 9000 mg/kg |
| | Rat | 3739 mg/kg |
| | | 5.66 ml/kg |
| Other | | |
| LD50 | Dog | 1800 - 2300 mg/kg |
| | Mouse | > 2000 mg/kg |
| | Rabbit | 1100 mg/kg |
| | Rat | 3900 mg/kg |
| Solvent Naphtha (petroleum), Light Aliph. (CAS 64742-89-8) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 1900 mg/kg, 24 Hours |
| Inhalation | | |
| LC50 | Rat | > 5020 mg/m3, 4 Hours |
| | | > 4980 mg/m3 |
| | | > 4980 mg/m3, 4 Hours |
| | | > 4.96 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | 4820 mg/kg |
| * Estimates for product may be based on additional component data not shown. | | |
| Skin corrosion/irritation | Causes skin irritation. | |
| Serious eye damage/eye irritation | Causes serious eye irritation. | |
| Respiratory or skin sensitization | | |
| Respiratory sensitization | Not a respiratory sensitizer. | |
| Skin sensitization | This product is not expected to cause skin sensitization. | |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | |
| Carcinogenicity | | |
| OSHA Specifically Regulated | Substances (29 CFR 1910.1001-1050) | |
| Not listed. | | |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. | |
| Specific target organ toxicity - single exposure | Narcotic effects. May cause drowsiness and dizziness. | |
| Specific target organ toxicity - repeated exposure | Not classified. | |
| Aspiration hazard | May be fatal if swallowed and enters airways. | |

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Product | | Species | Test Results |
|--|------|--------------------------------------|-------------------------------------|
| Rubber Roller Cleaner (CAS Mixture) | | | |
| Aquatic | | | |
| Algae | IC50 | Algae | 5759.0537 mg/L, 72 Hours estimated |
| Crustacea | EC50 | Daphnia | 15272.3877 mg/L, 48 Hours estimated |
| Fish | LC50 | Fish | 21675.832 mg/L, 96 Hours estimated |
| Components | | | |
| Hexylene Glycol (CAS 107-41-5) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Ceriodaphnia reticulata) | 2400 - 3200 mg/l, 48 hours |
| Fish | LC50 | Bleak (Alburnus alburnus) | 7000 - 9100 mg/l, 96 hours |
| Isopropyl Alcohol (CAS 67-63-0) | | | |
| Aquatic | | | |
| Algae | IC50 | Algae | 1000.0001 mg/L, 72 Hours |
| Crustacea | EC50 | Daphnia | 13299 mg/L, 48 Hours |
| Fish | LC50 | Bluegill (Lepomis macrochirus) | > 1400 mg/l, 96 hours |
| Propylene Glycol Methyl Ether (CAS 107-98-2) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Daphnia | 23300 mg/L, 48 Hours |
| Solvent Naphtha (petroleum), Light Aliph. (CAS 64742-89-8) | | | |
| Aquatic | | | |
| Algae | IC50 | Algae | 4700 mg/L, 72 Hours |

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Partition coefficient n-octanol / water (log Kow)

Isopropyl Alcohol 0.05

Propane 2.36

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

| | |
|---------------------------------------|---|
| Disposal instructions | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Local disposal regulations | Dispose in accordance with all applicable regulations. |
| Hazardous waste code | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Waste from residues / unused products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers. |

14. Transport information

DOT

| | |
|-------------------------|---------------------|
| UN number | UN1950 |
| UN proper shipping name | Aerosols, flammable |

Product name: Rubber Roller Cleaner

Product #: 203-003, 1149, 1000012066 Version #: 05 Revision date: 02-10-2015 Issue date: 11-01-2013

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Transport hazard class(es)

Class 2.1
 Subsidiary risk -
 Label(s) None

Packing group Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions N82

Packaging exceptions 306

Packaging non bulk None

Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number UN1950

UN proper shipping name Aerosols, flammable

Transport hazard class(es)

Class 2.1
 Subsidiary risk -
 Label(s) 2.1

Packing group Environmental Not applicable.

hazards No.

ERG Code 10L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft Allowed.

Cargo aircraft only Allowed.

Packaging Exceptions LTD QTY

IMDG

UN number UN1950

UN proper shipping name AEROSOLS

Transport hazard class(es)

Class 2.1
 Subsidiary risk -
 Label(s) None

Packing group Environmental Not applicable.

hazards

Marine pollutant No.

EmS Not available.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Packaging Exceptions LTD QTY

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code This substance/mixture is not intended to be transported in bulk.

DOT





15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA)

Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)

Hexylene Glycol (CAS 107-41-5)

Isopropyl Alcohol (CAS 67-63-0)

Propane (CAS 74-98-6)

Propylene Glycol Methyl Ether (CAS 107-98-2)

US. New Jersey Worker and Community Right-to-Know Act

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)

Hexylene Glycol (CAS 107-41-5)

Isopropyl Alcohol (CAS 67-63-0)

Propane (CAS 74-98-6)

Propylene Glycol Methyl Ether (CAS 107-98-2)

US. Pennsylvania Worker and Community Right-to-Know Law

Dipropylene Glycol Monomethyl Ether (CAS 34590-94-8)

Hexylene Glycol (CAS 107-41-5)

Isopropyl Alcohol (CAS 67-63-0)
Propane (CAS 74-98-6)
Propylene Glycol Methyl Ether (CAS 107-98-2)

US. Rhode Island RTK

Isopropyl Alcohol (CAS 67-63-0)
Propane (CAS 74-98-6)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | No |
| New Zealand | New Zealand Inventory | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 11-01-2013

Revision date 02-10-2015

Version # 05

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Information
This document has undergone significant changes and should be reviewed in its entirety.