

SAFETY DATA SHEET

1. Identification

Product number 260116
Product identifier **MAINTEX GRAFFITI REMOVER**
Company information MAINTEX
13300 E. NELSON AVE.
CITY OF INDUSTRY, CA 91746 United States
Company phone 1-800-446-1888
Emergency telephone US 1-866-836-8855
Emergency telephone outside US 1-952-852-4646
Version # 01
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 2 |
| | Reproductive toxicity | Category 1A |
| | Specific target organ toxicity, single exposure | Category 3 narcotic effects |
| | Specific target organ toxicity, repeated exposure | Category 2 |
| | Aspiration hazard | Category 1 |
| 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. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. | |
| Prevention | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. | |
| Response | If swallowed: Immediately call a poison center/doctor. If swallowed: Rinse mouth. Do NOT induce vomiting. 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) | Not classified. | |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 2 |
| | Hazardous to the aquatic environment, long-term hazard | Category 2 |

Supplemental information

| | |
|------------------|---|
| Hazard statement | Toxic to aquatic life. Toxic to aquatic life with long lasting effects. |
| Prevention | Avoid release to the environment. |
| Response | Collect spillage. |

28.11% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 28.11% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

| Hazardous components Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|----------|
| Toluene | | 108-88-3 | 20 - 40 |
| Propane | | 74-98-6 | 10 - 20 |
| 2-Butoxyethanol | | 111-76-2 | 2.5 - 10 |
| Acetone | | 67-64-1 | 2.5 - 10 |
| Butane | | 106-97-8 | 2.5 - 10 |
| Diethylene Glycol Monobutyl Ether | | 112-34-5 | 2.5 - 10 |
| 9-Octadecenoic Acid | | 112-80-1 | 1 - 2.5 |
| Sodium Hydroxide | | 1310-73-2 | 0.1 - 1 |
| Other components below reportable levels | | | 20 - 40 |

*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 | Remove contaminated clothing. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice/attention. |
| 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. Aspiration may cause pulmonary edema and pneumonitis. |
| Most important symptoms/effects, acute and delayed | Irritation of eyes and mucous membranes. Prolonged exposure may cause chronic effects. May cause drowsiness or dizziness. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse. |

5. Fire-fighting measures

| | |
|---|---|
| Suitable extinguishing media | Powder. Water. Foam. Carbon dioxide (CO ₂). |
| Unsuitable extinguishing media | None known. |
| Specific hazards arising from the chemical | Contents under pressure. Pressurized container may explode when exposed to heat or flame. |
| 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. Use water spray to cool unopened containers. 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 container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes. |

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. Wear appropriate personal protective equipment. 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 MSDS. |
| 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). 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. Isolate area until gas has dispersed. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the MSDS. |
| Environmental precautions | Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. |

7. Handling and storage

| | |
|--|---|
| Precautions for safe handling | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Do not get this material in contact with skin. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Use only in well-ventilated areas. Use personal protective equipment as required. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Do not empty into drains. |
| Conditions for safe storage, including any incompatibilities | 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 away from incompatible materials (see Section 10 of the MSDS). Level 2 Aerosol. |

8. Exposure controls/personal protection

Occupational exposure limits

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

| Components | Type | Value |
|----------------------------------|------|--|
| 2-Butoxyethanol (CAS 111-76-2) | PEL | 240 mg/m ³ |
| Acetone (CAS 67-64-1) | PEL | 50 ppm 2400 mg/m ³ 1000 ppm |
| Propane (CAS 74-98-6) | PEL | 1800 mg/m ³ 1000 ppm |
| Sodium Hydroxide (CAS 1310-73-2) | PEL | 2 mg/m ³ |

US. OSHA Table Z-2 (29 CFR 1910.1000)

| Components | Type | Value |
|------------------------|---------|---------|
| Toluene (CAS 108-88-3) | Ceiling | 300 ppm |
| | TWA | 200 ppm |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|----------------------------------|---------|---------------------|
| 2-Butoxyethanol (CAS 111-76-2) | TWA | 20 ppm |
| Acetone (CAS 67-64-1) | STEL | 750 ppm |
| | TWA | 500 ppm |
| Sodium Hydroxide (CAS 1310-73-2) | Ceiling | 2 mg/m ³ |
| Toluene (CAS 108-88-3) | TWA | 20 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|--------------------------------|------|-----------------------|
| 2-Butoxyethanol (CAS 111-76-2) | TWA | 24 mg/m ³ |
| | | 5 ppm |
| Acetone (CAS 67-64-1) | TWA | 590 mg/m ³ |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value |
|----------------------------------|---------|------------|
| Butane (CAS 106-97-8) | TWA | 250 ppm |
| | | 1900 mg/m3 |
| Propane (CAS 74-98-6) | TWA | 800 ppm |
| | | 1800 mg/m3 |
| Sodium Hydroxide (CAS 1310-73-2) | Ceiling | 1000 ppm |
| Toluene (CAS 108-88-3) | STEL | 2 mg/m3 |
| | | 560 mg/m3 |
| | | 150 ppm |
| | TWA | 375 mg/m3 |
| | | 100 ppm |

Biological limit values

| ACGIH Biological Exposure Indices Components | Value | Determinant | Specimen | Sampling Time |
|--|-----------|--|---------------------|---------------|
| 2-Butoxyethanol (CAS 111-76-2) | 200 mg/g | Butoxyacetic acid (BAA), with hydrolysis | Creatinine in urine | * |
| Acetone (CAS 67-64-1) | 50 mg/l | Acetone | Urine | * |
| Toluene (CAS 108-88-3) | 0.3 mg/g | o-Cresol, with hydrolysis | Creatinine in urine | * |
| | 0.03 mg/l | Toluene | Urine | * |
| | 0.02 mg/l | Toluene | Blood | * |

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

Exposure guidelines

- US - California OELs: Skin designation
 - 2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.
 - Toluene (CAS 108-88-3) Can be absorbed through the skin.
- US - Minnesota Haz Subs: Skin designation applies
 - 2-Butoxyethanol (CAS 111-76-2) Skin designation applies.
 - Toluene (CAS 108-88-3) Skin designation applies.
- US - Tennessee OELs: Skin designation
 - 2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.
- US NIOSH Pocket Guide to Chemical Hazards: Skin designation
 - 2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.
- US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
 - 2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

Appropriate engineering controls 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. Provide eyewash station.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Wear eye/face protection. Wear safety glasses with side shields (or goggles).
- Hand protection** Wear protective gloves.
- Other** Wear appropriate chemical resistant clothing.
- Respiratory protection** If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
- Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using, do not eat, drink or 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 | Viscous. Liquid. |
| Color | Tan. |
| Form | Aerosol. |
| Physical state | Gas. |
| Flash point | -156.00 °F (-104.44 °C) Propellant estimated |
| Melting point/freezing point | Not available. |

| | |
|-------------------|-----------------------------|
| Odor | Solvent. |
| pH | 12.5 - 13.4 estimated |
| Solubility(ies) | Not available. |
| Vapor density | Not available. |
| Vapor pressure | 60 - 75 psig @70F estimated |
| Viscosity | Not available. |
| Other information | |
| Specific gravity | 0.751 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 temperatures exceeding the flash point. This product may react with oxidizing agents. Do not mix with other chemicals. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| | |
|--------------|--|
| Ingestion | May be fatal if swallowed and enters airways. |
| Inhalation | May be fatal if swallowed and enters airways. Prolonged inhalation may be harmful. Narcotic effects. May cause damage to organs by inhalation. |
| Skin contact | Causes skin irritation. |

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Eye contact Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritant effects.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

| Product | Species | Test Results |
|---|------------|---------------------------|
| 15 OZ TERAND GRAFFITI RMVR PLSTC-SAFE (CAS Mixture) | | |
| Acute | | |
| Oral | | |
| LD50 | Rat | 9059.501 mg/kg, estimated |
| Components | Species | Test Results |
| 2-Butoxyethanol (CAS 111-76-2) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 220 mg/kg |
| Inhalation | | |
| LC50 | Mouse | 700 mg/l, 7 Hours |
| | Rat | 450 mg/l, 4 Hours |
| | | 2.21 mg/l/4h |
| Oral | | |
| LD50 | Guinea pig | 1.2 g/kg |
| | Mouse | 1.2 g/kg |
| | Rabbit | 0.32 g/kg |
| | Rat | 470 mg/kg |
| Other | | |
| LD50 | Mouse | 1130 mg/kg |

| Components | Species | Test Results |
|--|------------|--|
| | Rabbit | 280 mg/kg |
| | Rat | 340 mg/kg |
| 9-Octadecenoic Acid (CAS 112-80-1) | | |
| Acute | | |
| Dermal | | |
| LD50 | Guinea pig | > 3000 mg/kg |
| Oral | | |
| LD50 | Rat | 74 g/kg |
| Other | | |
| LD50 | Mouse | 230 mg/kg |
| | Rat | 2.4 mg/kg |
| Acetone (CAS 67-64-1) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 20000 mg/kg 20 ml/kg |
| Inhalation | | |
| LC50 | Rat | 76 mg/l, 4 Hours 50.1 mg/l, 8 Hours |
| Oral | | |
| LD50 | Mouse | 3000 mg/kg |
| | Rabbit | 5340 mg/kg |
| | Rat | 5800 mg/kg |
| Other | | |
| LD50 | Mouse | 1297 mg/kg |
| | Rat | 5500 mg/kg |
| Butane (CAS 106-97-8) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Mouse | 680 mg/l, 2 Hours |
| | Rat | 658 mg/l, 4 Hours |
| Diethylene Glycol Monobutyl Ether (CAS 112-34-5) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 2700 mg/kg |
| Oral | | |
| LD50 | Guinea pig | 2000 mg/kg |
| | Mouse | 2400 mg/kg |
| | Rabbit | 2200 mg/kg |
| | Rat | 4500 mg/kg |
| Other | | |
| LD50 | Mouse | 850 mg/kg |
| | Rat | 500 mg/kg |
| Propane (CAS 74-98-6) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Rat | > 1442.847 mg/l, 15 Minutes 658 mg/l/4h |
| Sodium Hydroxide (CAS 1310-73-2) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rat | 1350 mg/kg |

| Components | Species | Test Results |
|-------------------------|---------|---|
| Other LD50 | Mouse | 40 mg/kg |
| Toluene (CAS 108-88-3) | | |
| Acute Dermal LD50 | Rabbit | 12124 mg/kg 14.1 ml/kg |
| Inhalation LC50 | Mouse | 5320 mg/l, 8 Hours 400 mg/l, 24 Hours |
| | Rat | 26700 mg/l, If <1L: Consumer Commodity Hours 12200 mg/l, 2 Hours 8000 mg/l, 4 Hours |
| Oral LD50 | Rat | 2.6 g/kg |
| Other LD50 | Mouse | 59 mg/kg |
| | Rat | 1332 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 sensitization | Not available. |
| 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 | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |
| IARC Monographs. Overall Evaluation of Carcinogenicity | |
| 2-Butoxyethanol (CAS 111-76-2) | 3 Not classifiable as to carcinogenicity to humans. |
| Toluene (CAS 108-88-3) | 3 Not classifiable as to carcinogenicity to humans. |
| Reproductive toxicity | May damage fertility or the unborn child. |
| Specific target organ toxicity - single exposure | Narcotic effects. |
| Specific target organ toxicity - repeated exposure | Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | May be fatal if swallowed and enters airways. |
| Chronic effects | Prolonged inhalation may be harmful. May be harmful if absorbed through skin. 2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans. May cause damage to organs through prolonged or repeated exposure. |

12. Ecological information

| Ecotoxicity | Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected. | | |
|---|---|---------|-------------------------------------|
| Product | Species | Species | Test Results |
| 15 OZ TERAND GRAFFITI RMVR PLSTC-SAFE (CAS Mixture) | | | |
| Algae | IC50 | Algae | 1799.8043 mg/L, 72 Hours, estimated |
| Crustacea | EC50 | Daphnia | 31.8818 mg/l, 48 hours, estimated |
| Fish | LC50 | Fish | 101.7273 mg/L, 96 Hours, estimated |
| Components | Species | Species | Test Results |
| 2-Butoxyethanol (CAS 111-76-2) | | | |
| Crustacea | EC50 | Daphnia | 1819 mg/L, 48 Hours |

| Components | | Species | Test Results |
|--|------|---|------------------------------|
| Aquatic | | | |
| Fish | LC50 | Inland silverside (<i>Menidia beryllina</i>) | 1250 mg/l, 96 hours |
| 9-Octadecenoic Acid (CAS 112-80-1) | | | |
| Aquatic | | | |
| Fish | LC50 | Fathead minnow (<i>Pimephales promelas</i>) | 205 mg/l, 96 hours |
| Acetone (CAS 67-64-1) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (<i>Daphnia magna</i>) | 21.6 - 23.9 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (<i>Oncorhynchus mykiss</i>) | 4740 - 6330 mg/l, 96 hours |
| Diethylene Glycol Monobutyl Ether (CAS 112-34-5) | | | |
| Aquatic | | | |
| Fish | LC50 | Bluegill (<i>Lepomis macrochirus</i>) | 1300 mg/l, 96 hours |
| Sodium Hydroxide (CAS 1310-73-2) | | | |
| Fish | LC50 | Fish | 45, 96 Hours |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (<i>Ceriodaphnia dubia</i>) | 34.59 - 47.13 mg/l, 48 hours |
| Fish | LC50 | Western mosquitofish (<i>Gambusia affinis</i>) | 125 mg/l, 96 hours |
| Toluene (CAS 108-88-3) | | | |
| Algae | IC50 | Algae | 433.0001 mg/L, 72 Hours |
| Crustacea | EC50 | Daphnia | 7.645 mg/L, 48 Hours |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (<i>Daphnia magna</i>) | 5.46 - 9.83 mg/l, 48 hours |
| Fish | LC50 | Coho salmon,silver salmon (<i>Oncorhynchus kisutch</i>) | 8.11 mg/l, 96 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)

| | |
|-----------------------------------|-------|
| Acetone | -0.24 |
| Diethylene Glycol Monobutyl Ether | 0.56 |
| 2-Butoxyethanol | 0.83 |
| Propane | 2.36 |
| Toluene | 2.73 |
| Butane | 2.89 |

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. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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.

US RCRA Hazardous Waste U List: Reference

| | |
|------------------------|------|
| Acetone (CAS 67-64-1) | U002 |
| Toluene (CAS 108-88-3) | U220 |

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 Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

| | |
|------------------------------|---|
| UN number | UN1950 |
| UN proper shipping name | Aerosols, flammable |
| Transport hazard class(es) | 2.1 |
| Subsidiary class(es) | Not available. |
| Packing group | Not available. |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Labels required | None |
| 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) | 2.1 |
| Subsidiary class(es) | - |
| Packaging group | Not available. |
| Environmental hazards | Yes |
| Labels required | 2.1 |
| ERG Code | 10L |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Packaging Exceptions | LTD QTY |

IMDG

| | |
|------------------------------|---|
| UN number | UN1950 |
| UN proper shipping name | AEROSOLS, MARINE POLLUTANT |
| Transport hazard class(es) | 2.1 |
| Subsidiary class(es) | - |
| Packaging group | Not available. |
| Environmental hazards | |
| Marine pollutant | Yes |
| Labels required | 2.1 |
| EmS | F-D, S-U |
| 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

DOT



IATA; IMDG





15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

| | |
|----------------------------------|--------|
| Acetone (CAS 67-64-1) | LISTED |
| Sodium Hydroxide (CAS 1310-73-2) | LISTED |
| Toluene (CAS 108-88-3) | LISTED |

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

SARA 304 Emergency release notification

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

| | |
|--|----|
| SARA 302 Extremely hazardous substance | No |
|--|----|

| | |
|---------------------------------|----|
| SARA 311/312 Hazardous chemical | No |
|---------------------------------|----|

Other federal regulations

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

| | |
|------------------------|--|
| Toluene (CAS 108-88-3) | |
|------------------------|--|

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

| | |
|-----------------------|--|
| Butane (CAS 106-97-8) | |
| Propane (CAS 74-98-6) | |

| | |
|--------------------------------|----------------|
| Safe Drinking Water Act (SDWA) | Not regulated. |
|--------------------------------|----------------|

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

| | |
|------------------------|------|
| Acetone (CAS 67-64-1) | 6532 |
| Toluene (CAS 108-88-3) | 6594 |

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

| | |
|------------------------|--------------------|
| Acetone (CAS 67-64-1) | 35 % weight/volumn |
| Toluene (CAS 108-88-3) | 35 % weight/volumn |

DEA Exempt Chemical Mixtures Code Number

| | |
|------------------------|------|
| Acetone (CAS 67-64-1) | 6532 |
| Toluene (CAS 108-88-3) | 594 |

| | |
|------------------------------------|----------------|
| Food and Drug Administration (FDA) | Not regulated. |
|------------------------------------|----------------|

US state regulations

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

| | |
|------------------------|---------|
| Butane (CAS 106-97-8) | 500 lbs |
| Propane (CAS 74-98-6) | 500 lbs |
| Toluene (CAS 108-88-3) | 500 lbs |

US. Pennsylvania RTK - Hazardous Substances

| | |
|------------------------------------|--|
| 2-Butoxyethanol (CAS 111-76-2) | |
| 9-Octadecenoic Acid (CAS 112-80-1) | |

Acetone (CAS 67-64-1)
Butane (CAS 106-97-8)
Propane (CAS 74-98-6)
Sodium Hydroxide (CAS 1310-73-2)
Toluene (CAS 108-88-3)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reprod harm.

International Inventories

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

*A "Yes" indicates this product complies 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 06-23-2014

Version # 01

Further information Not available.

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available. 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 Product and Company Identification: Product Codes
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
Transport Information: Material Transportation Information
Regulatory Information: United States
GHS: Classification