SAFETY DATA SHEET



1. Identification

| 1. Idontinoution | | | |
|---------------------------------|--|-------------------------------|-----------------------------|
| Product identifier | Engine Brite Heavy Duty Engine Degreaser | | |
| Other means of identification | | | |
| SDS number | EB1 | | |
| Part No. | EB1, EB1/6 | | |
| Tariff code | 3814.00.5090 | | |
| Recommended use | Engine Degreaser | | |
| Recommended restrictions | None known. | | |
| Manufacturer/Importer/Supplier/ | Distributor information | | |
| Manufacturer | | | |
| Company name Address | RSC Chemical Solutions 600 Radiator Road Indian Trail, NC 28079 United States | | |
| Telephone | Customer Service: Technical: | (704) 821-764 (704) 684-18 | |
| Website | www.rscbrands.com | 、 , | |
| E-mail | sds@rscbrands.com | | |
| Emergency phone number | Emergency Telephone: Emergency Contact: | (303) 623-571 RMPDC (877- | |
| 2. Hazard(s) identification | | | |
| Physical hazards | Flammable aerosols | | Category 1 |
| | Gases under pressure | | Compressed gas |
| Health hazards | Acute toxicity, oral | | Category 4 |
| | Acute toxicity, inhalation | | Category 4 |
| | Skin corrosion/irritation | | Category 2 |
| | Serious eye damage/eye irritati | on | Category 2A |
| | Carcinogenicity | | Category 2 |
| | Specific target organ toxicity, si | ngle exposure | Category 3 narcotic effects |
| | Specific target organ toxicity, re exposure | | Category 2 |
| | Aspiration hazard | | Category 1 |
| Environmental hazards | Hazardous to the aquatic enviro | onment, | Category 2 |
| OSHA defined hazards | Not classified. | | |
| Label elements | | | |



Signal word Hazard statement Danger

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause drowsiness or dizziness. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

| Precautionary statement | |
|--|---|
| 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 mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/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. Rinse mouth. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage. |
| Storage | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. 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 | 95.31% of the mixture consists of component(s) of unknown acute oral toxicity. 2.09% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. |

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|-----------|
| Petroleum Distillate Aliphatic | | 68476-34-6 | 60 - < 70 |
| Kerosine (petroleum) | | 8008-20-6 | 20 - < 30 |
| Petroleum naphtha | | 64742-94-5 | 3 - < 5 |
| Carbon Dioxide | | 124-38-9 | 1 - < 3 |
| Tert-butylbenzene | | 98-06-6 | 1 - < 3 |
| NAPHTHALENE | | 91-20-3 | < 1 |
| Other components below reportable leve | els | | 5 - < 10 |

*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. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell. |
|--|--|
| Skin contact | No adverse effects due to skin contact are expected. Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing 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. No specific first aid measures noted. |
| Ingestion | Not likely, due to the form of the product. 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 | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed. |
| General information | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. |

5. Fire-fighting measures

| 0 0 | |
|--|---|
| Suitable extinguishing media | Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2). |
| 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 | In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. 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. Contents under pressure. Pressurized container may explode when exposed to heat or flame. |

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. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing 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 SDS. |
|---|--|
| Methods and materials for containment and cleaning up | Refer to attached safety data sheets and/or instructions for use. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Isolate area until gas has dispersed. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. 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. Following product recovery, flush area with water. |
| | 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 precautions | Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. |
| 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. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide, or drop. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Suck back of water into the container must be prevented. Do not allow backfeed into the container. Purge air from system before introducing gas. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt. Do not re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. |

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. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Stored containers should be periodically checked for general condition and leakage. Store in a well-ventilated place. Keep out of the reach of children. 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 | Туре | Value | |
|--|---|--------------------|----------------------------------|
| Carbon Dioxide (CAS 124-38-9) | PEL | 9000 mg/m3 | |
| , | | 5000 ppm | |
| NAPHTHALENE (CAS 91-20-3) | PEL | 50 mg/m3 | |
| | | 10 ppm | |
| Petroleum naphtha (CAS 64742-94-5) | PEL | 400 mg/m3 | |
| | | 100 ppm | |
| US. ACGIH Threshold Limit | Values | | |
| Components | Туре | Value | Form |
| Carbon Dioxide (CAS 124-38-9) | STEL | 30000 ppm | |
| | TWA | 5000 ppm | |
| Kerosine (petroleum) (CAS 8008-20-6) | TWA | 200 mg/m3 | Non-aerosol. |
| NAPHTHALENE (CAS 91-20-3) | TWA | 10 ppm | |
| Petroleum Distillate Aliphatic (CAS 68476-34-6) | TWA | 100 mg/m3 | Inhalable fraction and vapor. |
| Petroleum naphtha (CAS 64742-94-5) | TWA | 200 mg/m3 | Non-aerosol. |
| US. NIOSH: Pocket Guide to | o Chemical Hazards | | |
| Components | Туре | Value | |
| Carbon Dioxide (CAS 124-38-9) | STEL | 54000 mg/m3 | |
| · | | 30000 ppm | |
| | TWA | 9000 mg/m3 | |
| | | 5000 ppm | |
| Kerosine (petroleum) (CAS 8008-20-6) | TWA | 100 mg/m3 | |
| NAPHTHALENE (CAS 91-20-3) | STEL | 75 mg/m3 | |
| | | 15 ppm | |
| | | | |
| | TWA | 50 mg/m3 | |
| | TWA | | |
| ogical limit values | TWA No biological exposure limits noted fo | 50 mg/m3 10 ppm | |

US ACGIH Threshold Limit Values: Skin designation

| Kerosine (petroleum) (CAS 8008-20-6) | Can be absorbed through the skin. |
|---|-----------------------------------|
| NAPHTHALENE (CAS 91-20-3) | Can be absorbed through the skin. |
| Petroleum Distillate Aliphatic (CAS 68476-34-6) | Can be absorbed through the skin. |
| Petroleum naphtha (CAS 64742-94-5) | 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. Eye wash facilities and emergency shower must be available when handling this product. |
|-----------------------------------|--|
| Individual protection measures, | such as personal protective equipment |
| Eye/face protection | wear safety glasses with side shields (or goggles) |
| Skin protection | |
| Hand protection | Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. |
| Other | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. |
| Respiratory protection | Chemical respirator with organic vapor cartridge and full facepiece if threshold limits are exceeded. |
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| General hygiene considerations | When using do not smoke. Keep away from food and drink. 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 | Clear. |
| Physical state | Liquid. |
| Form | Aerosol. Compressed gas. |
| Color | Red |
| Odor | Diesel Fuel odor |
| Odor threshold | Not available. |
| рН | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | 347 °F (175 °C) estimated |
| Flash point | 136.0 °F (57.8 °C) Tag Closed Cup |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or exp | losive limits |
| Flammability limit - lower (%) | 0.7 % estimated |
| Flammability limit - upper | 5 % estimated |
| (%) | |
| (%) Explosive limit - lower (%) | Not available. |
| | Not available. Not available. |
| Explosive limit - lower (%) | |
| Explosive limit - lower (%) Explosive limit - upper (%) | Not available. |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure | Not available. 0.64 hPa estimated |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density | Not available. 0.64 hPa estimated Not available. |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density Relative density | Not available. 0.64 hPa estimated Not available. |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density Relative density Solubility(ies) | Not available. 0.64 hPa estimated Not available. 0.834 g/cm3 |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density Relative density Solubility(ies) Solubility(water) Partition coefficient | Not available. 0.64 hPa estimated Not available. 0.834 g/cm3 0.1 |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density Relative density Solubility(ies) Solubility(water) Partition coefficient (n-octanol/water) | Not available. 0.64 hPa estimated Not available. 0.834 g/cm3 0.1 Not available. |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density Relative density Solubility(ies) Solubility (water) Partition coefficient (n-octanol/water) Auto-ignition temperature | Not available. 0.64 hPa estimated Not available. 0.834 g/cm3 0.1 Not available. 500 °F (260 °C) estimated |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density Relative density Solubility(ies) Solubility(ies) Solubility (water) Partition coefficient (n-octanol/water) Auto-ignition temperature Decomposition temperature | Not available. 0.64 hPa estimated Not available. 0.834 g/cm3 0.1 Not available. 500 °F (260 °C) estimated Not available. |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density Relative density Solubility(ies) Solubility (water) Partition coefficient (n-octanol/water) Auto-ignition temperature Decomposition temperature Viscosity | Not available. 0.64 hPa estimated Not available. 0.834 g/cm3 0.1 Not available. 500 °F (260 °C) estimated Not available. Not available. |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density Relative density Solubility(ies) Solubility(ies) Solubility (water) Partition coefficient (n-octanol/water) Auto-ignition temperature Decomposition temperature Viscosity Other information | Not available. 0.64 hPa estimated Not available. 0.834 g/cm3 0.1 Not available. 500 °F (260 °C) estimated Not available. Not available. Not available. Not available. |
| Explosive limit - lower (%) Explosive limit - upper (%) Vapor pressure Vapor density Relative density Solubility(ies) Solubility(ies) Solubility (water) Partition coefficient (n-octanol/water) Auto-ignition temperature Decomposition temperature Viscosity Other information Density | Not available. 0.64 hPa estimated Not available. 0.834 g/cm3 0.1 Not available. 500 °F (260 °C) estimated Not available. Not available. Not available. Not available. Not available. Not available. Not available. |

| Flammability class | Combustible II estimated |
|-------------------------------|--------------------------|
| Heat of combustion (NFPA 30B) | 39.8 kJ/g |
| Oxidizing properties | Not oxidizing. |
| Percent volatile | 0.98 % estimated |
| Specific gravity | 0.84 |
| VOC (Weight %) | 14.69 % 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 | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| Inhalation | Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. |
|--|--|
| Skin contact | Causes skin irritation. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |
| Symptoms related to the physical, chemical and toxicological characteristics | Headache. May cause drowsiness and dizziness. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |

Information on toxicological effects

Acute toxicity

| May be fatal if swallowed and enters airways. Harmful if inhaled. Nar | cotic effects. |
|---|----------------|
|---|----------------|

| Components | Species | Test Results |
|-----------------------------------|--|------------------|
| NAPHTHALENE (CAS 91-20-3) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 2 g/kg |
| | Rat | > 20 g/kg |
| Oral | | |
| LD50 | Guinea pig | 1200 mg/kg |
| | Rat | 490 mg/kg |
| Petroleum naphtha (CAS 64742 | 2-94-5) | |
| Acute | | |
| Inhalation | | |
| LC50 | Rat | 61 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | > 25 ml/kg |
| * Estimates for product may | be based on additional component data not show | wn. |
| Skin corrosion/irritation | Causes skin irritation. | |
| Serious eye damage/eye irritation | Causes serious eye irritation. | |
| Respiratory or skin sensitizati | ion | |
| 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 | Suspected of causing cancer. | | |
| IARC Monographs. Overall I | Evaluation of Carcinogenicity | | |
| NAPHTHALENE (CAS 9 ² | 1-20-3) | 2B Possibly carcinogenic to humans. | |
| Petroleum Distillate Aliph | atic (CAS 68476-34-6) | 3 Not classifiable as to carcinogenicity to humans. | |
| OSHA Specifically Regulate | d Substances (29 CFR 1910.1 | 001-1050) | |
| Not listed. | | | |
| US. National Toxicology Pro | ogram (NTP) Report on Carcir | nogens | |
| NAPHTHALENE (CAS 9 ² | 1-20-3) | Reasonably Anticipated to be a Human Carcinogen. | |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. | | |
| Specific target organ toxicity - single exposure | May cause drowsiness and dizziness. | | |
| Specific target organ toxicity - repeated exposure | May cause damage to organs through prolonged or repeated exposure. | | |
| Aspiration hazard | May be fatal if swallowed and enters airways. | | |
| Chronic effects | May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. | | |

12. Ecological information

| Ecotoxicity | Toxic to aquat | ic life with long lasting effects. | |
|----------------------------|----------------|--|----------------------------|
| Components | | Species | Test Results |
| NAPHTHALENE (CAS 91-20 |)-3) | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 1.09 - 3.4 mg/l, 48 hours |
| Fish | LC50 | Pink salmon (Oncorhynchus gorbuscha) | 1.11 - 1.68 mg/l, 96 hours |
| Petroleum naphtha (CAS 647 | 742-94-5) | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia pulex) | 2.7 - 5.1 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 8.8 mg/l, 96 hours |
| | | | 8.8 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

| Partition coefficient n-oc | tanol / water (log Kow) |
|----------------------------|---|
| NAPHTHALENE | 3.3 |
| Tert-butylbenzene | 4.11 |
| 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. |
| 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). |

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14. Transport information

| DOT | |
|---------------------------------|---|
| UN number | Not available. |
| UN proper shipping name | Consumer Commodity |
| Transport hazard class(es) | |
| Class | ORM-D |
| Subsidiary risk | - |
| Packing group | Not applicable. |
| Environmental hazards | |
| Marine pollutant | Yes |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions | T75, TP5 |
| Packaging exceptions | 306 |
| Packaging non bulk | 304 |
| Packaging bulk | 314, 315 |
| ΙΑΤΑ | |
| UN number | UN1950 |
| UN proper shipping name | Aerosols, flammable |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Packing group | Not applicable. |
| Environmental hazards | Yes |
| ERG Code | |
| • • | Read safety instructions, SDS and emergency procedures before handling. |
| Other information | |
| Passenger and cargo | Allowed. |
| aircraft Cargo aircraft only | Allowed. |
| IMDG | Allowed. |
| UN number | UN1950 |
| UN proper shipping name | AEROSOLS |
| Transport hazard class(es) | ALIOOOLO |
| Class | 2 |
| Subsidiary risk | - |
| Packing group | Not applicable. |
| Environmental hazards | |
| Marine pollutant | Yes |
| EmS | F-D, S-U |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Transport in bulk according to | Not established. |
| Annex II of MARPOL 73/78 and | |
| the IBC Code | |
| IATA; IMDG | |
| | |



Marine pollutant



General information

IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant. Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers: Ensure that containers are firmly secured. Ensure cylinder valve is closed and not leaking. Ensure valve outlet cap nut or plug (where provided) is correctly fitted. Ensure valve protection device (where provided) is correctly fitted. Ensure compliance with applicable regulations.

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) NAPHTHALENE (CAS 91-20-3) 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

No

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

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|---------------|------------|----------|
| NAPHTHALENE | 91-20-3 | < 1 |

Other federal regulations

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

NAPHTHALENE (CAS 91-20-3)

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

Not regulated.

Safe Drinking Water Act Not regulated.

(SDWA)

US state regulations

- US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.
- US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Kerosine (petroleum) (CAS 8008-20-6) NAPHTHALENE (CAS 91-20-3) Petroleum Distillate Aliphatic (CAS 68476-34-6) Petroleum naphtha (CAS 64742-94-5) Tert-butylbenzene (CAS 98-06-6)

US. Massachusetts RTK - Substance List

Carbon Dioxide (CAS 124-38-9) Kerosine (petroleum) (CAS 8008-20-6) NAPHTHALENE (CAS 91-20-3) Tert-butylbenzene (CAS 98-06-6)

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

Carbon Dioxide (CAS 124-38-9) Kerosine (petroleum) (CAS 8008-20-6) NAPHTHALENE (CAS 91-20-3) Petroleum Distillate Aliphatic (CAS 68476-34-6) Petroleum naphtha (CAS 64742-94-5) Tert-butylbenzene (CAS 98-06-6)

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

Carbon Dioxide (CAS 124-38-9) Kerosine (petroleum) (CAS 8008-20-6) NAPHTHALENE (CAS 91-20-3) Petroleum Distillate Aliphatic (CAS 68476-34-6) Tert-butylbenzene (CAS 98-06-6)

US. Rhode Island RTK

NAPHTHALENE (CAS 91-20-3)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

NAPHTHALENE (CAS 91-20-3)

Volatile organic compounds (VOC) regulations

EPA

Consumer products Compliant (40 CFR 59, Subpt. C)

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) | Yes |
| 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 |

Listed: April 19, 2002

*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 | 05-20-2015 |
|---------------|---|
| Revision date | 03-30-2016 |
| Version # | 04 |
| HMIS® ratings | Health: 2* Flammability: 2 Physical hazard: 0 |
| NFPA ratings | Health: 2 Flammability: 2 Instability: 0 |



| 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 | Hazard(s) identification: Storage Composition / Information on Ingredients: Ingredients Exposure controls/personal protection: Eye/face protection Exposure controls/personal protection: Respiratory protection Physical & Chemical Properties: Multiple Properties Transport information: General information Regulatory Information: United States GHS: Classification |