

SAFETY DATA SHEET

1. Identification

| Product number | 1000007779 |
|-----------------------------------|---|
| Product identifier | 11 OZ SW INSTANT SHINE LB 12PK |
| Revision date | 08-30-2015 |
| Company information | Sprayway, Inc. 1005 S. Westgate Drive Addison, IL 60101 United States |
| Company phone | General Assistance 1-630-628-3000 |
| Emergency telephone US | 1-866-836-8855 |
| Emergency telephone outside US | 1-952-852-4646 |
| Version # | 02 |
| Supersedes date | 08-16-2015 |
| Recommended use | Coating |
| Recommended restrictions | None known. |
| 2. Hazard(s) identification | |

| Physical hazards | Flammable aerosols | Category 1 |
|-----------------------|---|------------|
| Health hazards | Skin corrosion/irritation | Category 2 |
| | Reproductive toxicity (fertility, the unborn child) | Category 2 |
| | Specific target organ toxicity, repeated exposure | Category 2 |
| | 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. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. |
| 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 gas. Wash thoroughly after handling. 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 exposed or concerned: Get medical advice/attention. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. |
| Storage | 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 | % |
|---|--------------------------|------------|---------|
| Butane | | 106-97-8 | 20 - 40 |
| Naphtha (petroleum), hydrotreated light | | 64742-49-0 | 20 - 40 |
| n-Hexane | | 110-54-3 | 10 - 20 |
| Propane | | 74-98-6 | 10 - 20 |
| Cyclohexane | | 110-82-7 | 0.1 - 1 |
| Other components below reportable leve | ls | | 10 - 20 |

Other components below reportable levels

#: This substance has workplace exposure limit(s).

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

| 4. First-aid measures | |
|--|--|
| Inhalation | If symptoms develop move victim to fresh air. Call a physician if symptoms develop or persist. |
| Skin contact | Take off contaminated clothing and wash before reuse. |
| Eye contact | 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. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. |
| Most important symptoms/effects, acute and delayed | Aspiration may cause pulmonary edema and pneumonitis. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. 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 under observation. Symptoms may be delayed. |
| General information | Take off all contaminated clothing immediately. 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. Wash contaminated clothing before reuse. |
| 5. Fire-fighting measures | |
| Suitable extinguishing media | Water fog. Foam. 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 | 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

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of Personal precautions, low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). protective equipment and Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not emergency procedures 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 Environmental precautions | 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. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. 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 release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. 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. 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. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. When using, do not eat, drink or smoke. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash thoroughly after handling. Avoid release to the environment. 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. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol. |
| | |

8. Exposure controls/personal protection

Occupational exposure limits

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

| ACGIH Biological Exposu | re Indices | | | |
|--|---|---|--|---|
| Components | Value | Determinant | Specimen | Sampling Time |
| n-Hexane (CAS 110-54-3) | 0.4 mg/l | 2,5-Hexanedio n, without hydrolysis | Urine | * |
| * - For sampling details, plea | ase see the source do | cument. | | |
| xposure guidelines | | | | |
| US - California OELs: Skir | n designation | | | |
| n-Hexane (CAS 110-54 | , | | absorbed throu | igh the skin. |
| US ACGIH Threshold Limi | • | | | |
| n-Hexane (CAS 110-54 ppropriate engineering | | | absorbed throu | igh the skin. Good general ventilation (typically 10 air |
| ontrols | applicable, use pri maintain airborne established, maint shower must be a should be equippe | ocess enclosures, loo levels below recomm tain airborne levels to vailable when handlin ed with an eyewash fa | cal exhaust vent nended exposurd an acceptable ng this product. acility and a safe | nould be matched to conditions. If ilation, or other engineering controls to e limits. If exposure limits have not been level. Eye wash facilities and emergency Facilities storing or utilizing this material ety shower. |
| dividual protection measure | | | | |
| Eye/face protection | | es with side shields (| | |
| Hand protection | Wear appropriate | chemical resistant gl | oves. | |
| Skin protection | | | | |
| Other | Wear appropriate | chemical resistant cl | othing. Use of a | n impervious apron is recommended. |
| Skin protection | | | | |
| Respiratory protection | If permissible leve air-supplied respir | | NIOSH mechan | ical filter / organic vapor cartridge or an |
| Thermal hazards | Wear appropriate | thermal protective clo | othing, when ne | cessary. |
| eneral hygiene onsiderations | | andling the material | and before eatir | ve good personal hygiene measures, suc ng, drinking, and/or smoking. Routinely |

9. Physical and chemical properties

| Appearance | |
|---|--|
| Physical state | Gas. |
| Form | Aerosol. |
| Color | clear colorless |
| Odor | Solvent. |
| Odor threshold | Not available. |
| рН | Not applicable estimated |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | 8.82 °F (-12.88 °C) estimated |
| Flash point | -156.0 °F (-104.4 °C) Propellant estimated |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or exp | losive limits |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | 40 - 50 psig @ 70F estimated |

| Vapor density | Not available. |
|--|-----------------------------|
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 496.4 °F (258 °C) estimated |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information Specific gravity | 0.657 estimated 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 oxidizing agents. Nitrates. Fluorine. Chlorine. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| Ingestion | Fatal if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |
|--|---|
| Inhalation | May cause damage to organs through prolonged or repeated exposure by inhalation. Narcotic effects. |
| Skin contact | Causes skin irritation. |
| Eye contact | Direct contact with eyes may cause temporary 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. Dizziness. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain. May cause central nervous system effects. |

Information on toxicological effects

Acute toxicity

In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Fatal if swallowed. Harmful if inhaled. May cause respiratory irritation.

| Product | Species | Test Results |
|------------------------|-------------------------|------------------------|
| 11 OZ SW INSTANT SHINE | E LB 12PK (CAS Mixture) | |
| Acute | | |
| Dermal | | |
| LD50 | Rat | 4134 mg/kg |
| Inhalation | | |
| LC50 | Rat | 941 mg/l/4h |
| Oral | | |
| LD50 | Rat | |
| Components | Species | Test Results |
| Butane (CAS 106-97-8) | | |
| Acute | | |
| Inhalation | | |
| LC50 | Mouse | 1237 mg/l, 120 Minutes |
| | | 52 %, 120 Minutes |
| | Rat | 1355 mg/l |

| Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) Acute Dermal LD50 Guinea pig; Rabbit 9.9.4 r Rabbit 9.900 Inhalation LC50 Rat 5020 4.960 4. | mg/kg 0 mg/m3, 4 Hours ppm, 4 Hours nl/kg, 24 Hours mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 mg/m3, 4 Hours |
|---|--|
| Dermal LD50 Rabbit > 2000 Inhalation LC50 Rat > 3288 Correl > 55400 Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) > Acute > 2000 Dermal > 9.4 r LD50 Guinea pig; Rabbit > 9.4 r Dermal > 1900 Inhalation Rat > 5020 LC50 Rat > 4090 Inhalation Rat > 5020 LD50 Rat > 4090 Inhalation Rat > 5020 LD50 Rat > 2000 Acute > 2000 > 5 mi Inhalation | 0 mg/m3, 4 Hours ppm, 4 Hours nl/kg, 24 Hours mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| LD50 Rabbit > 2000 Inhalation > 2328 LC50 Rat > 3285 > 5540 > 5540 Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) Acute > 94.4 m Dermal > 94.4 m LD50 Guinea pig; Rabbit > 94.4 m Dermal > 1900 Inhalation Rat > 5020 LD50 Rat > 4986 > 4986 > 4986 > 4986 > 4986 > 4986 > 4986 > 4986 > 4986 > 4986 > 4986 > 13700 > 4986 > 2000 > 4986 > 2000 > 5 mil nt-Hexane (CAS 110-54-3) > 2000 > 5 mil Acute > 2000 > 5 mil Inhalation | 0 mg/m3, 4 Hours ppm, 4 Hours nl/kg, 24 Hours mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| Inhalation > 3286 LC50 Rat > 5540 Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) Acute > 9.4 r Dermal Rabbit > 9.00 LD50 Guinea pig; Rabbit > 9.4 r LD50 Rat > 5020 Inhalation LC50 Rat > 5020 LD50 Rat > 4960 LD50 Rat > 4960 LD50 Rat > 5000 Ora/ LD50 Rat > 5000 LD50 Rat > 2000 n-Hexane (CAS 110-54-3) Acute > 5000 Dermal | 0 mg/m3, 4 Hours ppm, 4 Hours nl/kg, 24 Hours mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| LC50 Rat > 3286 Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) Acute Dermal LD50 Guinea pig; Rabbit > 9.4 r Rabbit > 1900 Inhalation LC50 Rat > 5020 A 4960 - 4960 | ppm, 4 Hours nl/kg, 24 Hours mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) Acute Dermal 9.4 r LD50 Guinea pig; Rabbit 9.4 r Rabbit 1000 Inhalation 5520 LC50 Rat 5020 Inhalation 24980 LC50 Rat 4980 4980 4980 4980 LD50 Rat 4980 LD50 Rat 4820 r n-Hexane (CAS 110-54-3) Acute 2000 Dermal 2500 5 mU LD50 Rat 4820 r 1-Hexane (CAS 110-54-3) 73860 31.8 Acute 73860 31.8 D50 Rat 5000 LD50 Rat 24 g/kg Unhalation 24 g/kg 24 g/kg Vistar rat 49 g/kg 24 g/kg Propane (CAS 74-98-6) 74-98-6 74-98-6 Acute 104ation 24 g/kg LD50 Mouse 1237 r | ppm, 4 Hours nl/kg, 24 Hours mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) Acute Dermal LD50 Guinea pig; Rabbit > 9.4 r Rabbit > 1900 Inhalation LC50 Rat > 5020 Inhalation LC50 Rat > 4096 - 4096 > 4996 - 4096 > 4996 - 4096 > 4996 - 4096 > 4996 - 4096 > 4996 - 4096 > 4996 - 4096 > 4996 - 1000 Rat 4820 r - 1-Hexane (CAS 110-54-3) > 2000 Acute > 2000 Dermal > 2000 LD50 Rat > 5000 - 250 > 31.8 - 73860 > 31.8 - 73860 24 g/kg Vistar rat 49 g/kg <td>nl/kg, 24 Hours mg/kg, 24 Hours mg/m3, 4 Hours mg/m3</td> | nl/kg, 24 Hours mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| Acute June June <thjune< th=""> June June <th< td=""><td>mg/kg, 24 Hours mg/m3, 4 Hours mg/m3</td></th<></thjune<> | mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| Dermal Second Seco | mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| LD50 Guinea pig; Rabbit > 9.4 r Rabbit > 1900 Inhalation LC50 Rat > 5020 > 4980 > 4980 | mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| Rabbit > 1900 Inhalation > 5020 LC50 Rat > 5020 Acute > 4980 Dermal 4820 m LD50 Rat 4820 m h-Hexane (CAS 110-54-3) Acute 2000 Dermal 25 ml > 5 ml LD50 Rat > 5000 Dermal > 5 ml > 31.8 LD50 Rat > 5000 Dermal > 5 ml > 31.8 LD50 Rat > 4980 Dermal > 2000 > 31.8 LD50 Rat > 4990 Vistar rat > 9000 > 31.8 Table | mg/kg, 24 Hours mg/m3, 4 Hours mg/m3 |
| Inhalation 250 Rat 5020 LC50 Rat 54980 24980 24980 24980 24980 24980 24980 24980 24980 24980 24980 24980 24980 24980 24980 24980 24980 24980 24980 2500 Rat 4820 m Acute 2000 25 ml Dermal 250 8abit 2000 LD50 Rat 25 ml Inhalation 2500 231.8 LD50 Rat 24 g/kg Vistar rat 24 g/kg 24 g/kg Propane (CAS 74-98-6) Xeute 24 g/kg Acute 1104100 24 g/kg Inhalation 24 g/kg 24 g/kg Inhalation 24 g/kg 24 g/kg Inhalation 250 24 g/kg Inhalation 250 24 g/kg Inhalation 250 250 g/kg Inhalation 250 250 g/kg Inhalation <t< td=""><td>mg/m3, 4 Hours mg/m3</td></t<> | mg/m3, 4 Hours mg/m3 |
| LC50 Rat > 5020 > 4980 > 4980 > 4980 > 496 13700 Oral LD50 Rat 4820 m n-Hexane (CAS 110-54-3) Acute Dermal LD50 Rat 2200 > 5 ml LD50 Rat > 5000 > 5 ml LD50 Rat \$ 5000 > 31.8 73860 Oral LD50 Rat 24 ml/l 24 g/kg Wistar rat 99 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 m 52 %, | mg/m3 |
| > 4980 > 2000 > 2000 | mg/m3 |
| Acute > 4980 Dermal 4820 m LD50 Rat 4820 m Acute 2000 Dermal > 2000 LD50 Rabbit > 2000 Inhalation > 5000 LD50 Rat > 5000 Oral | mg/m3 |
| > 4980 > 4.96 > 4.96 13700 Oral LD50 Rat Acute Dermal LD50 Rabbit Dermal LD50 Rat Inhalation LC50 Rat Inhalation LD50 Rat Oral LD50 Rat Solo Solo Inhalation Solo LD50 Rat Oral Solo Quistar rat 24 g/kg Wistar rat 24 g/kg Inhalation Solo LC50 Mouse 1237 m LC50 Mouse 1237 m Solo Solo Solo LC50 Mouse 1237 m Solo Solo Solo LC50 Mouse 1237 m Solo Solo Solo LC50 Mouse 1237 m LC50 Mouse 1237 m LC50 Mouse <t< td=""><td>-</td></t<> | - |
| Oral 13700 LD50 Rat 4820 m n-Hexane (CAS 110-54-3) 4820 m Acute 2000 Dermal 2000 LD50 Rabbit 2000 Inhalation 2000 LC50 Rat 5000 Inhalation 2000 231.80 Coral 231.80 73860 Oral 24 g/kg 24 g/kg Propane (CAS 74-98-6) Kat 24 g/kg Acute 1237 m 1237 m Inhalation LC50 Mouse 1237 m | 11g/110, 4 110013 |
| Oral 13700 LD50 Rat 4820 m 1-Hexane (CAS 110-54-3) 4820 m Acute 2000 Dermal 2000 LD50 Rabbit 2000 Inhalation 2000 LC50 Rat 5000 Oral 231.8 D50 Rat 24 g/kg Vistar rat 49 g/kg Propane (CAS 74-98-6) Mouse 1237 m Acute Inhalation 1237 m LC50 Mouse 1237 m | mal 4 Hours |
| Oral LD50 Rat 4820 m Acute | mg/l, 4 Hours |
| LD50 Rat 4820 m h-Hexane (CAS 110-54-3) Acute Dermal LD50 Rabbit 2000 5 ml Inhalation LC50 Rat 5000 31.8 Oral LD50 Rat 24 ml/l 24 g/kg Wistar rat 49 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 m 52 %, | ppm, 4 Hours |
| Acute Dermal LD50 Rabbit > 2000 > 5 ml Inhalation LC50 Rat > 5000 > 31.8 73860 Oral LD50 Rat 24 ml/ LD50 Rat 24 ml/ 24 g/kg Wistar rat 99 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 m 52 %, | |
| Acute Jermal John LD50 Rabbit > 2000 Inhalation > 5 ml LC50 Rat > 5000 Sa1.8i > 31.8i Oral | ng/kg |
| Dermal LD50 Rabbit > 2000 LD50 Rabbit > 5 ml/ Inhalation | |
| LD50 Rabbit > 2000 5 ml/ <i>Inhalation</i> LC50 Rat 5 5000 3 31.8 7 3860 <i>Oral</i> LD50 Rat 24 ml/ 24 g/kg Wistar rat 49 g/kg <i>Nopane</i> (CAS 74-98-6) Acute <i>Inhalation</i> LC50 Mouse 1237 m 52 %, | |
| الما الما الما الما الما الما الما الما | |
| Inhalation Rat > 5000 LC50 Rat > 31.8 73860 73860 73860 Oral rat 24 ml/l LD50 Rat 24 ml/l Vistar rat 49 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 m 52 %, 52 %, | mg/kg, 4 Hours |
| LC50 Rat > 5000 > 31.8 73860 Ora/ LD50 Rat 24 ml/l 24 g/kg Wistar rat 49 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 m 52 %, | kg, 4 Hours |
| Oral 73860 Doral 24 ml/l LD50 Rat 24 ml/l 24 g/kg 24 g/kg Vistar rat 49 g/kg Propane (CAS 74-98-6) 49 g/kg Acute 1237 m LC50 Mouse 1237 m 52 %, 52 %, | |
| Oral 24 ml/l LD50 Rat 24 ml/l 24 g/kg 24 g/kg Propane (CAS 74-98-6) Wistar rat 49 g/kg Acute Inhalation 1237 m LC50 Mouse 1237 m 52 %, 52 %, | ppm, 24 Hours |
| Oral LD50 Rat 24 ml/ 24 g/kg Wistar rat 49 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 m 52 %, | δ mg/l |
| Oral LD50 Rat 24 ml/ 24 g/kg Wistar rat 49 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 m 52 %, | ppm, 4 Hours |
| LD50 Rat 24 ml/ 24 g/kg Wistar rat 49 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 m 52 %, | rr, |
| 24 g/kg Wistar rat 49 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 m 52 %, | a |
| Wistar rat 49 g/kg Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 n 52 %, | - |
| Propane (CAS 74-98-6) Acute Inhalation LC50 Mouse 1237 n 52 %, | |
| Acute Inhalation LC50 Mouse 1237 n 52 %, |) |
| Inhalation 1237 n LC50 Mouse 52 %, | |
| LC50 Mouse 1237 m 52 %, | |
| 52 %, | " |
| | ng/I, 120 Minutes |
| | 120 Minutes |
| Rat 1355 n | ng/l |
| 658 m | y/l/4h |
| | |
| * Estimates for product may be based on additional component data not shown. | |
| Skin corrosion/irritation Causes skin irritation. | |
| Serious eye damage/eye Direct contact with eyes may cause temporary 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 pres mutagenic or genotoxic. | |

| Carcinogenicity | Risk of cancer cannot be excluded with prolonged exposure. | | |
|---|---|--|--|
| OSHA Specifically Regulated | d Substances (29 CFR 1910.1001-1050) | | |
| Not listed. | | | |
| Reproductive toxicity | Suspected of damaging fertility. | | |
| Specific target organ toxicity - single exposure | Not classified. | | |
| Specific target organ toxicity - repeated exposure | Respiratory system. Skin. Central nervous system. Eyes. Peripheral nervous system. May cause damage to organs through prolonged or repeated exposure. | | |
| Aspiration hazard | May be fatal if swallowed and enters airways. | | |
| Chronic effects | Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure. | | |

Pick of cancer cannot be evoluded with prelenged exposure

12. Ecological information

Carolnogonioity

| Ecotoxicity | Harmful to aquatic life with long lasting effects. |
|-------------|--|
|-------------|--|

| | Παιτιιίαι ι | 1 0 0 | |
|---------------------------|----------------|---|------------------------------|
| Product | | Species | Test Results |
| 11 OZ SW INSTANT SHI | NE LB 12PK (C | AS Mixture) | |
| Aquatic | | | |
| Algae | IC50 | Algae | 9440 mg/L, 72 Hours |
| Crustacea | EC50 | Daphnia | 1123 mg/L, 48 Hours |
| Fish | LC50 | Fish | 16.3458 mg/L, 96 Hours |
| Components | | Species | Test Results |
| Cyclohexane (CAS 110-8 | 2-7) | | |
| Aquatic | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 23.03 - 42.07 mg/l, 96 hours |
| n-Hexane (CAS 110-54-3 |) | | |
| Aquatic | | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | 2.101 - 2.981 mg/l, 96 hours |
| * Estimates for product m | av be based on | additional component data not shown. | |
| sistence and degradabili | • | s available on the degradability of this product. | |

| | · · · · · · · · · · · · · · · · · · · |
|-------------------------------|---|
| Bioaccumulative potential | No data available. |
| Partition coefficient n-octar | nol / water (log Kow) |
| Butane | 2.89 |
| Cyclohexane | 3.44 |
| n-Hexane | 3.9 |
| 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. 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 | | | |
| Cyclohexane (CAS 110-8 | 32-7) U056 | | |

Waste from residues / unused Dispose of in accordance with local regulations. Empty containers or liners may retain some products Disposal instructions).

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, (each not exceeding 1 L capacity) |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) | 2.1 |
| Packing group | Not applicable. |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. 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.

ΙΑΤΑ

| UN number | UN1950 |
|--|---|
| UN proper shipping name | Aerosols, flammable |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) | 2.1 |
| Packing group | Not applicable. |
| Environmental hazards | No. |
| ERG Code | 10L |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. 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) | 2.1 |
| Packing group | Not applicable. |
| Environmental hazards | |
| Marine pollutant | No. |
| EmS | F-D, S-U |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. 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 | Not applicable. |
| the IBC Code | |



15. Regulatory information

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|--|---|--------------------|------------|
| 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, Su | bpt. D) | |
| Not regulated. | | | |
| CERCLA Hazardous Subst | ance List (40 CFR 302.4) | | |
| Cyclohexane (CAS 110- | 82-7) | Listed. | |
| n-Hexane (CAS 110-54- | 3) | Listed. | |
| SARA 304 Emergency release notification | | | |
| Not regulated. | | | |
| OSHA Specifically Regulat | ed Substances (29 CFR 1910 | 1001-1050) | |
| Not listed. | | | |
| Superfund Amendments and R | eauthorization Act of 1986 (S | ARA) | |
| Hazard categories | Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No | | |
| SARA 302 Extremely haza | dous substance | | |
| Not listed. | | | |
| SARA 311/312 Hazardous chemical | No | | |
| SARA 313 (TRI reporting) | | | |
| Chemical name | | CAS number | % by wt. |
| n-Hexane | | 110-54-3 | 10 - 20 |
| Cyclohexane | | 110-82-7 | 0.1 - 1 |
| Benzene | | 71-43-2 | 0.01 - 0.1 |
| Ethyl Benzene | | 100-41-4 | 0.01 - 0.1 |
| Other federal regulations | | | |
| Clean Air Act (CAA) Sectio | n 112 Hazardous Air Pollutan | ts (HAPs) List | |
| n-Hexane (CAS 110-54- | , | Provention (40 CER | CQ 420) |
| | n 112(r) Accidental Release F | Tevenuon (40 CFR | 00.130) |
| Butane (CAS 106-97-8) Propane (CAS 74-98-6) | | | |
| Safe Drinking Water Act (SDWA) | Not regulated. | | |

US state regulations

US. Massachusetts RTK - Substance List

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6)

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

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6)

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

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6)

US. Rhode Island RTK

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) n-Hexane (CAS 110-54-3) Propane (CAS 74-98-6)

US. California Proposition 65

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

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

| Benzene (CAS 71-43-2) | Listed: February 27, 1987 | | |
|---|---------------------------|--|--|
| Ethyl Benzene (CAS 100-41-4) | Listed: June 11, 2004 | | |
| US - California Proposition 65 - CRT: Listed date/Developmental toxin | | | |
| Benzene (CAS 71-43-2) | Listed: December 26, 1997 | | |
| Toluene (CAS 108-88-3) | Listed: January 1, 1991 | | |
| US - California Proposition 65 - CRT: Listed date/Female reproductive toxin | | | |
| Toluene (CAS 108-88-3) | Listed: August 7, 2009 | | |

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

| Benzene (CAS 71-43-2) | Listed: December 26, 1997 |
|-----------------------|---------------------------|
|-----------------------|---------------------------|

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) | Yes |
| 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) | 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 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 | 08-16-2015 |
|---------------|------------|
| Revision date | 08-30-2015 |
| Version # | 02 |

| 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 | Product and Company Identification: Product Uses Physical & Chemical Properties: Multiple Properties Physical and chemical properties: Appearance Transport Information: Material Transportation Information Transport information: General information Regulatory Information: United States GHS: Classification |