# SAFETY DATA SHEET

#1079

#### 1. Identification

Product number

1000009082

Product identifier

11 OZ TERAND ALL SEASON WAX LB 12PK

Company information

1005 S. Westgate Drive

Addison, IL 60101 United States

Company phone

General Assistance 630-543-7600

Emergency telephone US

1-866-836-8855

Emergency telephone outside

1-952-852-4646

Version #

01

Recommended use Recommended restrictions COATING None known.

# 2. Hazard(s) identification

Physical hazards

Flammable aerosols Skin corrosion/irritation Category 1

Health hazards

Category 2 Germ cell mutagenicity Category 1B Carcinogenicity Category 1B Reproductive toxicity (fertility) Category 2

Specific target organ toxicity, repeated

exposure

Category 2

Aspiration hazard

Category 1 Category 2

Environmental hazards

Hazardous to the aquatic environment, acute

hazard

Hazardous to the aquatic environment, long-term hazard

Category 2

OSHA defined hazards

Not classified.

Label elements



Signal word

Hazard statement

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life. 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 gas. Wash thoroughly after handling. 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 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. Collect spillage.

Storage

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposal

Product name: 11 OZ TERAND ALL SEASON WAX LB 12PK Product #: 1000009082 Version #: 01 Issue date: 10-02-2014

#1079

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

97.2% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 82.22% 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 | %       |
|--|--------------------------|------------|---------|
| 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 |
| Solvent Naphtha (Petroleum), Light Aliphatic |                          | 64742-89-8 | 10 - 20 |
| Polydimethylsiloxane                         |                          | 63148-62-9 | 1 - 2.5 |
| Cyclohexane                                  |                          | 110-82-7   | 0.1 - 1 |
| n-Heptane                                    |                          | 142-82-5   | 0,1 - 1 |
| Octamethylcyclotetrasiloxane                 |                          | 556-67-2   | 0.1 - 1 |
| Octane                                       |                          | 111-65-9   | 0,1 - 1 |
| Other components below reportable leve       | els                      |            | 1 - 2.5 |

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

#### 4. First-aid measures

inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact

Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact

Rinse with water. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth, Get medical attention if symptoms occur.

Most Important

symptoms/effects, acute and

delayed

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness or dizziness. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

diate Provide general supportive measures and treat symptomatically. 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

Sultable extinguishing media

Powder. Foam. 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.

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.

and precautions for firefighter

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.

equipment/instructions

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

Specific methods

Extremely flammable aerosol.

# 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). 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. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. 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 hands 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

| Components                       | Contaminants (29 CFR 1910.1000<br>Type | Value      |  |
|----------------------------------|--|------------|--|
| Cyclohexane (CAS<br>110-82-7)    | PEL                                    | 1050 mg/m3 |  |
|                                  |  | 300 ppm    |  |
| n-Heptane (CAS 142-82-5)         | PEL                                    | 2000 mg/m3 |  |
|                                  |  | 500 ppm    |  |
| n-Hexane (CAS 110-54-3)          | PEL                                    | 1800 mg/m3 |  |
|                                  |  | 500 ppm    |  |
| Octane (CAS 111-65-9)            | PEL                                    | 2350 mg/m3 |  |
|                                  |  | 500 ppm    |  |
| Propane (CAS 74-98-6)            | PEL                                    | 1800 mg/m3 |  |
|                                  |  | mag 0001   |  |
| US. ACGIH Threshold Limit Value: | 8                                      | • •        |  |
| Components                       | Туре                                   | Value      |  |
| Butane (CAS 106-97-8)            | STEL                                   | 1000 ppm   |  |
| Cyclohexane (CAS<br>110-82-7)    | TWA                                    | 100 ppm    |  |
| n-Heptane (CAS 142-82-5)         | STEL                                   | 500 ppm    |  |
|                                  | TWA                                    | 400 ppm    |  |
| n-Hexane (CAS 110-54-3)          | TWA                                    | 50 ppm     |  |
| Octane (CAS 111-65-9)            | TWA                                    | 300 ppm    |  |
| US. NIOSH: Pocket Guide to Chem  | ical Hazards                           |            |  |
| Components                       | Туре                                   | Value      |  |
| Butane (CAS 106-97-8)            | TWA                                    | 1900 mg/m3 |  |

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| US. NIOSH; Pocket Guide   | to Unemical Hazaro   | 5  |  |  |
|---|--|--|--|--|
| Components  | Ту   |  | ٧  | 'alue  |
| Cyclohexane (CAS<br>110-82-7)   | TV   | /A   |  | 00 ppm<br>050 mg/m3  |
| ,   |  |  |  | 00 ppm   |
| n-Heptane (CAS 142-82-5)  | Се   | iling  |  | 800 mg/m3  |
|   | TV   | IΔ   |  | 40 ppm<br>50 mg/m3   |
|   | 1 0  | ,  |  | 5 ppm  |
| n-Hexane (CAS 110-54-3)   | TV   | /A   |  | 80 mg/m3   |
|   |  |  | 5  | 0 ррт  |
| Octane (CAS 111-65-9)   | Ce   | iling  |  | 800 mg/m3  |
|   | TW   | IΑ   |  | 85 ppm<br>50 mg/m3   |
|   | •  |  |  | 5 ppm  |
| Propane (CAS 74-98-6)   | TM   | /A   | 1  | 800 mg/m3  |
|   |  |  | 1:   | mqq 000  |
| iological limit values  |  |  |  |  |
| ACGIH Biological Exposu   |  | lm a d   |  | a  |
| Components  | Value  | Determinant  | Specimen   | Sampling Time  |
| n-Hexane (CAS 110-54-3)   | 0.4 mg/l   | 2,5-Hexanedio<br>n, without<br>hydrolysis  | Urine  | •  |
| * - For sampling details, ple   | ase see the source do  |  |  |  |
| cposure guidelines  |  |  |  |  |
|   |  |  |  |  |
| US - California OELs: Skir  | designation  |  |  |  |
| US - California OELs: Skir<br>п-Нехале (CAS 110-54  |  | Can be   | absorbed thro  | ugh the skin.  |
|   | l-3)   |  | absorbed thro  | ugh the skin.  |
| п-Hexane (CAS 110-54  | -3)<br>t Values: Skin desig  | nation   | absorbed thro  |  |
| n-Hexane (CAS 110-54<br>US ACGIH Threshold Limi   | (-3) It Values: Skin design (-3) Good general vershould be matched or other engineeriexposure limits ha  | nation  Can be tilation (typically 10 a d to conditions. If app ng controls to mainta ave not been establish   | absorbed thro<br>ir changes per<br>blicable, use pro<br>in airborne leve<br>ned, maintain a  | ugh the skin. hour) should be used. Ventilation rates poess enclosures, local exhaust ventilation pls below recommended exposure limits. If irborne levels to an acceptable level. Eye   |
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#1079

Melting point/freezing point

Not available.

Initial boiling point and boiling

74.55 °F (23.64 °C) estimated

range

Flash point

-156.0 °F (-104.4 °C) Propellant estimated

Evaporation rate Flammability (solid, gas)

Not available. Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower

0.9 % estimated

(%)

Flammability limit - upper

7 % estimated

(%)

Explosive limit - lower (%) Not available.
Explosive limit - upper (%) Not available.

Vapor pressure

55 psig @70F estimated

Vapor density

Not available.

Relative density

Not available.

Solubility(les)

Solubility (water)

Not available.

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature

493.55 °F (256.42 °C) estimated

Decomposition temperature

Not available.

Viscosity

Not available.

Other information

Specific gravity

0.758 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

Conditions to avoid

Hazardous polymerization does not occur.

Incompatible materials

Avoid temperatures exceeding the flash point. Contact with incompatible materials. Strong oxidizing agents, Nitrates, Fluorine, Chlorine.

Hazardous decomposition

No hazardous decomposition products are known.

products

# 11. Toxicological information

Information on likely routes of exposure

Ingestion

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious

chemical pneumonia.

Inhaiation

May cause damage to organs through prolonged or repeated exposure by inhalation. Narcotic

effects,

Skin contact

Causes skin irritation.

Eye contact

Not available.

Symptoms related to the physical, chemical and toxicological characteristics

Dizziness. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause

redness and pain.

Information on toxicological effects

Acute toxicity

May be fatal if swallowed and enters airways.

|                                  |                                  | #1079   |
|----------------------------------|----------------------------------|---|
| Product                          | Species                          | Test Results  |
| 1 OZ TERAND ALL SEAS             | SON WAX LB 12PK (CAS Mixture)    |   |
| Acute                            |                                  |   |
| Dermal                           | 0.1                              | 05.000716 04.11   |
| LD50                             | Guinea pig; Rabbit               | 35.8987 ml/kg, 24 Hours estimated                                   |
|                                  | Rabbit                           | 14195.9375 mg/kg, 4 Hours estimated                                 |
|                                  |                                  | 4556.9902 mg/kg, 24 Hours estimated                                 |
|                                  |                                  | 35,4898 ml/kg, 4 Hours estimated                                    |
|                                  | Rat                              | 7058.999 mg/kg estimated  |
| Inhalation                       |                                  |   |
| LC100                            | Cat                              | 224.9269 % estimated  |
| LC50                             | Mouse                            | 3091.4954 mg/l, 120 Minutes estimated                               |
|                                  |                                  | 129.9578 %, 120 Minutes estimated                                   |
|                                  |                                  | 39.987 mm/l, 2 Hours estimated                                      |
|                                  | Rat                              | 35489.8438 ppm, 24 Hours estimated                                  |
|                                  |                                  | 20071.0605 ppm, 4 Hours estimated                                   |
|                                  |                                  | 12250.2158 mg/m3, 4 Hours estimated                                 |
|                                  |                                  | 1619.6606 mg/l/4h estimated   |
|                                  |                                  | 11.4215 mg/l, 4 Hours estimated                                     |
| Orol                             |                                  | 11.42 to high, 4 Hours espinated                                    |
| <i>Oral</i><br>LD50              | Rat                              | 11124.4355 mg/kg estimated  |
| 2000                             | ra                               | 169.7813 ml/kg estimated  |
|                                  | Wistar rat                       |   |
|                                  |                                  | 347.8005 g/kg estimated   |
| omponents                        | Species                          | Test Results  |
| utane (CAS 106-97-8)             |                                  |   |
| Acute<br>Inhalation              |                                  |   |
| LC50                             | Mouse                            | 1237 mg/l, 120 Minutes  |
| 2000                             | 1110400                          | 52 %, 120 Minutes   |
|                                  | Rat                              |   |
|                                  |                                  | 1355 mg/l   |
| yclohexane (CAS 110-82-<br>Acute | •(1)                             |   |
| Dermal                           |                                  |   |
| LD50                             | Rabbit                           | > 2000 mg/kg  |
| Inhalation                       |                                  | E 2000 mg/ng  |
| LC50                             | Rat                              | > 32880 mg/m3, 4 Hours  |
|                                  |                                  | > 5540 ppm, 4 Hours   |
| anhtha (netroleum), hydro        | streated light (CAS 64742-49-0)  | 2 3040 ppm, 4 fibers  |
| Acute                            | meaner again (as as our reservo) |   |
| Dermal                           |                                  |   |
| LD50                             | Guinea pig; Rabbit               | > 9.4 ml/kg, 24 Hours   |
|                                  | Rabbit                           | > 1900 mg/kg, 24 Hours  |
| Inhalation                       |                                  | . see mg.ng, 14 Hours   |
| LC50                             | Rat                              | > 5020 mg/m3, 4 Hours   |
|                                  |                                  | > 4980 mg/m3  |
|                                  |                                  | - 4000 mgmlo  |
|                                  |                                  | > 4000 mailor 3 4 Harris  |
|                                  |                                  | > 4980 mg/m3, 4 Hours   |
|                                  |                                  | > 4980 mg/m3, 4 Hours<br>> 4.96 mg/l, 4 Hours<br>13700 ppm, 4 Hours |

|                                   |  | #1079                  |
|-----------------------------------|--|------------------------|
| Components                        | Species                                  | Test Results           |
| Oral                              |  |                        |
| LD50                              | Rat                                      | 4820 mg/kg             |
| n-Heptane (CAS 142-82-5)          |  |                        |
| Acute                             |  |                        |
| Dermal                            |  |                        |
| LD50                              | Rabbit                                   | > 2000 mg/kg, 24 Hours |
| Inhalation                        |  |                        |
| LC50                              | Rat                                      | > 29.29 mg/l, 4 Hours  |
| n-Hexane (CAS 110-54-3)           |  |                        |
| Acute                             |  |                        |
| Dermal                            |  |                        |
| LD50                              | Rabbit                                   | > 2000 mg/kg, 4 Hours  |
|                                   |  | > 5 ml/kg, 4 Hours     |
| Inhalation                        | -  |                        |
| LC50                              | Rat                                      | > 5000 ppm, 24 Hours   |
|                                   |  | > 31.86 mg/l           |
|                                   |  | 73860 ppm, 4 Hours     |
| Oral                              |  |                        |
| LD50                              | Rat                                      | 24 mi/kg               |
|                                   |  | 24 g/kg                |
|                                   | Wistar rat                               | 49 g/kg                |
| Octane (CAS 111-65-9)             |  |                        |
| Acute                             |  |                        |
| Dermal                            |  |                        |
| LD50                              | Rabbit                                   | > 2000 mg/kg, 24 Hours |
| Inhalation                        |  |                        |
| LC50                              | Rat                                      | > 24.88 mg/l, 4 Hours  |
| ropane (CAS 74-98-6)              |  |                        |
| Acute                             |  |                        |
| Inhalation                        |  |                        |
| LC50                              | Mouse                                    | 1237 mg/l, 120 Minutes |
|                                   |  | 52 %, 120 Minutes      |
|                                   | Rat                                      | 1355 mg/l              |
|                                   |  | 658 mg/l/4h            |
| Solvent Naphtha (Petroleum), L    | ight Aliphatic (CAS 64742-89-8)          |                        |
| Acute                             |  |                        |
| Dermal                            |  |                        |
| LD50                              | Rabbit                                   | > 1900 mg/kg, 24 Hours |
| Inhalation                        |  |                        |
| LC50                              | Rat                                      | > 5020 mg/m3, 4 Hours  |
|                                   |  | > 4980 mg/m3           |
|                                   |  | > 4980 mg/m3, 4 Hours  |
|                                   |  | > 4.96 mg/l, 4 Hours   |
| Oral                              |  | <del>-</del> .         |
| LD50                              | Rat                                      | 4820 mg/kg             |
| # Para                            |  |                        |
|                                   | be based on additional component data no | ot shown.              |
| kin corrosion/irritation          | Causes skin irritation.                  |                        |
| erious eye damage/eye<br>ritation | Not available.                           |                        |

Product name: 11 OZ TERAND ALL SEASON WAX LB 12PK Product #: 1000009082 | Version #: 01 | Issue date: 10-02-2014

irritation

Respiratory or skin sensitization

Respiratory sensitization

Not available.

Skin sensitization

This product is not expected to cause skin sensitization.

Germ cell mutagenicity

May cause genetic defects.

Carcinogenicity

May cause cancer.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity

Suspected of damaging fertility.

Specific target organ toxicity -

Not classified.

single exposure

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

May cause damage to organs through prolonged or repeated exposure.

# 12. Ecological information

**Ecotoxicity** 

Toxic to aquatic life with long lasting effects.

| Product               |                     | Species                                 | Test Results                        |
|-----------------------|---------------------|---|-------------------------------------|
| 11 OZ TERAND ALL      | SEASON WAX LB       | 12PK (CAS Mixture)                      |                                     |
| Aquatic               |                     |   |                                     |
| Algae                 | IC50                | Algae                                   | 15963.4609 mg/L, 72 Hours estimated |
| Crustacea             | EC50                | Daphnia                                 | 19079.25 mg/L, 48 Hours estimated   |
| Fish                  | LC50                | Fish                                    | 16.2608 mg/L, 96 Hours estimated    |
| Components            |                     | Species                                 | Test Results                        |
| Cyclohexane (CAS 11   | 0-82-7)             |   |                                     |
| Aquatic               |                     |   |                                     |
| Fish                  | LC50                | Fathead minnow (Pimephales promelas)    | 23.03 - 42.07 mg/l, 96 hours        |
| n-Heptane (CAS 142-   | 82-5)               |   |                                     |
| Aquatic               |                     |   |                                     |
| Fish                  | LC50                | Mozambique tilapia (Titapia mossambica) | 375 mg/l, 96 hours                  |
| n-Hexane (CAS 110-5   | 54-3)               |   |                                     |
| Aquatic               |                     |   |                                     |
| Fish                  | LC50                | Fathead minnow (Pimephales promelas)    | 2.101 - 2.981 mg/l, 96 hours        |
| Polydimethylsiloxane  | (CAS 63148-62-9)    |   |                                     |
| Aquatic               |                     |   |                                     |
| Fish                  | LC50                | Channel catfish (Ictalurus punctatus)   | 2.36 - 4.15 mg/l, 96 hours          |
| Solvent Naphtha (Petr | oleum), Light Aliph | atic (CAS 64742-89-8)                   |                                     |
| Aquatic               |                     |   |                                     |
| Algae                 | fC50                | Algae                                   | 4700 mg/L, 72 Hours                 |

<sup>\*</sup> 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)

Butane 2.89 Cyclohexane 3.44 n-Heptane 4.66 n-Hexane 3.9 Octane 5.18 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 110-82-7)

U056

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

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

# 14. Transport information

TOG

**UN** number

UN1950

UN proper shipping name

Aerosols, flammable

Transport hazard class(es)

Class Subsidiary risk 2.1 2.1

Label(s) 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. N82

Special provisions

Packaging exceptions Packaging non bulk Packaging bulk

None None

306

This product meets the exception requirements of section 173,306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number

UN1950

UN proper shipping name

Aerosols, flammable

Transport hazard class(es)

Class

2.1

Subsidiary risk

Label(s) Packing group 2.1

Environmental hazards

Not applicable. Yes

**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. LTD QTY

**Packaging Exceptions** 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

Yes

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

Transport in bulk according to Annex II of MARPOL 73/78 and LTD QTY Not applicable.

the IBC Code

DOT



IATA; IMDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

# 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910,1200.

All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Cyclohexane (CAS 110-82-7)

Listed.

n-Hexane (CAS 110-54-3)

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

#### SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

No

chemical

#### 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) Section 112 Hazardous Air Pollutants (HAPs) List

n-Hexane (CAS 110-54-3)

#### 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

Not regulated.

(SDWA)

### US state regulations

### US. Massachusetts RTK - Substance List

Butane (CAS 106-97-8) Cyclohexane (CAS 110-82-7) n-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Octane (CAS 111-65-9)

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-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Octane (CAS 111-65-9) 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-Heptane (CAS 142-82-5) n-Hexane (CAS 110-54-3) Octane (CAS 111-65-9) 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

#1079

# 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) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)  | No                     |
| New Zealand                 | New Zealand Inventory  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing

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

issue date

10-02-2014

Version#

01

Disclaimer

We cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. 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 and Company Identification

Regulatory Information: United States

GHS: Classification