# Earthstone Grill Cleaning Pads

Safety Data Sheet

According to SOR/2015-17, Hazardous Products Regulations (HPR) (amended 2022) & According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS) (amended 2024)
Issue date: 07/15/2025 Version: 1.0

## SECTION 1 Identification

### 1.1. GHS Product identifier

Trade name : Earthstone Grill Cleaning Pads

### 1.2. Other means of identification

No additional information available

### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Cleaning pad,(Liquid portion)

### 1.4. Supplier's details

Iron Out dba Summit Brands
6714 Pointe Inverness Way, Suite 200
Fort Wayne, IN , 46804-7935
USA
T 260-483-2519

### 1.5. Emergency phone number

Emergency number : 1-800-424-9300 (CHEMTREC)

## SECTION 2 Hazard identification

### 2.1. Classification of the substance or mixture

**Classification (GHS CA/US)**

| | |
|---|---|
| Acute toxicity (oral), Category 4 | Harmful if swallowed |
| Skin corrosion/irritation, Category 2 | Causes skin irritation |
| Serious eye damage/eye irritation, Category 1 | Causes serious eye damage |
| Skin sensitization, Category 1 | May cause an allergic skin reaction |

### 2.2. GHS label elements, including precautionary statements

**GHS CA/US labeling**

Hazard pictograms (GHS CA/US) :

Signal word (GHS CA/US) : Danger

Hazard statements (GHS CA/US) : Harmful if swallowed
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye damage

Precautionary statements (GHS CA/US) : Avoid breathing fume.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves.
IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.
IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or a doctor.
Rinse mouth.
If skin irritation or rash occurs: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

Supplementary information :

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Chemical name / Synonyms | Product identifier | % |
|---|---|---|---|
| Amides, C8-18 and C18-unsaturated, N-(hydroxyethyl) | Sunfloweramide MEA / Babassuamide monoethanolamide / BABASSUAMIDE MEA / SUNFLOWERAMIDE MEA / C8-18, C18-Unsaturated alkyl-N-(hydroxyethyl)amides / C8-18,C18-Unsaturated alkyl-N-(hydroxyethyl)amides | CAS-No.: 69227-24-3 | 10 – 30 |
| Amides, coco, N-(hydroxyethyl) | Coconut monoethanolamide / Amides, coconut, N-(hydroxyethyl) / Coconut oil fatty acids, monoethanolamide / Coconut oil monoethanolamide / Coconut oil fatty acid monoethanolamide / Alkyl(coco) monoethanolamide / Detergent 6501 / Coco monoethanolamide / N-(Hydroxyethyl) cocoamide / COCAMIDE MEA / Coconut fatty acid monoethanolamide / Cocamide MEA | CAS-No.: 68140-00-1 | 10 – 30 |
| Sodium lauryl sulfate | Dodecyl sodium sulfate / Dodecyl sulfate, sodium / Dodecyl sulfate, sodium salt / Sodium dodecyl sulfate / Sodium dodecyl sulphate / Sodium lauryl sulphate / Sodium monododecyl sulfate / Sodium monolauryl sulfate / Sodium n-dodecyl sulfate / Sulfuric acid, monododecyl ester, sodium salt / Dodecyl sodium sulphate / Sulfuric acid monododecyl ester sodium salt (1:1) / Carsonol SLS special / SODIUM LAURYL SULFATE / Dodecylsulphuric acid, sodium salt / Dodecyl sulphate sodium / Sodium dodecan-1-yl sulfate / Lauryl sodium sulphate / SLS | CAS-No.: 151-21-3 | 10 – 30 |

| Name | Chemical name / Synonyms | Product identifier | % |
|---|---|---|---|
| Sodium dodecylbenzenesulfonate | Dodecylbenzenesulphonic acid, sodium salt / Sodium laurylbenzenesulfonate / Sodium laurylbenzenesulphonate / sodium dodecylbenzenesulfonate / Sodium lauryl benzene sulphonate / SODIUM DODECYLBENZENESULFONATE / Benzenesulfonic acid, dodecyl-, sodium salt (1:1) / Sodium dodecylbenzenesulphonate / Dodecylbenzenesulfonic acid, sodium salt / Benzenesulfonic acid, dodecyl-, sodium salt / Benzenesulfonate, dodecyl-, sodium | CAS-No.: 25155-30-0 | 10 – 30 |

Comments : All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with the amended HPR as of December 2022.

US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

## SECTION 4 First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical help.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.

First-aid measures after ingestion : IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. Do not induce vomiting. If vomiting occurs have person lean forward. Never give anything by mouth to an unconscious person.

First-aid measures general : Call a poison center or a doctor if you feel unwell. Medical personnel should be made aware of substance(s) involved and take measures for self protection. Show this safety data sheet to the doctor in attendance. Avoid contact with skin and eyes. Keep out of the reach of children.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : Prolonged inhalation may be harmful.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Harmful if swallowed. May cause stomach distress, nausea or vomiting.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

## SECTION 5 Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media : Dry chemical, CO2, dry sand, or alcohol-resistant foam.

Unsuitable extinguishing media : Do not use a water jet since it may cause the fire to spread.

### 5.2. Specific hazards arising from the chemical

| | | |
|---|---|---|
| Fire hazard | : | During fire, gases hazardous to health may be formed. In case of fire or explosion do not breathe fumes. |
| Explosion hazard | : | No direct explosion hazard. |
| Hazardous decomposition products in case of fire | : | May include and are not limited to: oxides of carbon. Nitrogen oxides. Sulphur oxides. |

### 5.3. Special protective actions for fire-fighters

| | | |
|---|---|---|
| Firefighting instructions | : | Do not enter fire area without proper protective equipment, including respiratory protection. Move containers from fire area if it can be done without personal risk. |
| Protection during firefighting | : | Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

| | | |
|---|---|---|
| General measures | : | In the event of a significant spillage : Notify authorities if product enters sewers or public waters. Keep unnecessary personnel away. For personal protection, see section 8 of the SDS. |
| Environmental precautions | : | Avoid release to the environment. |

### 6.2. Methods and materials for containment and cleaning up

| | | |
|---|---|---|
| For containment | : | Stop leaks if it can be done without personal risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. |
| Methods for cleaning up | : | Clean contaminated surfaces with an excess of water. Clean up any spills as soon as possible, using an absorbent material to collect it. |
| Other information | : | This material and its container must be disposed of in a safe way, and as per local legislation. |

For further information refer to section 13

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Precautions for safe handling | : | Avoid contact with skin and eyes. Wear personal protective equipment. Do not taste or swallow. Ensure good ventilation of the work station. Handle and open container with care. |
| Hygiene measures | : | Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Take off contaminated clothing and wash it before reuse. |
| Additional hazards when processed | : | Not expected to present a significant hazard under anticipated conditions of normal use. |

### 7.2. Conditions for safe storage, including any incompatibilities

| | | |
|---|---|---|
| Storage conditions | : | Keep out of reach of children. Store tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). |
| Incompatible materials | : | Strong oxidizing agents. |
| Packaging materials | : | Store always product in container of same material as original container. |

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

| | | |
|---|---|---|
| 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. |
| Environmental exposure controls | : | Avoid release to the environment. |

### 8.3. Individual protection measures, such as personal protective equipment (PPE)

| **Hand protection:** |
|---|
| Wear protective gloves. Confirm with a reputable supplier first. |

| **Eye protection:** |
|---|
| Chemical goggles or face shield with safety glasses |

| **Skin and body protection:** |
|---|
| Wear suitable protective clothing. As required by employer code. |

| **Respiratory protection:** |
|---|
| Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.<br>Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2). |

## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Appearance | : | Liquid saturated into sponge. |
| Color | : | White; Blue |
| Odor | : | Lemon |
| Odor threshold | : | No data available |
| pH | : | No data available |
| Relative evaporation rate (butyl acetate=1) | : | No data available |
| Relative evaporation rate (ether=1) | : | No data available |
| Melting point | : | Not applicable |
| Freezing point | : | No data available |
| Boiling point | : | No data available |
| Flash point | : | No data available |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Flammability (solid, gas) | : | No data available |
| Vapor pressure | : | No data available |
| Relative vapor density at 20°C | : | No data available |
| Relative density | : | No data available |
| Solubility | : | No data available |
| Partition coefficient n-octanol/water (Log Pow) | : | No data available |
| Viscosity, kinematic | : | No data available |
| Explosive properties | : | Not explosive. |
| Oxidizing properties | : | Not oxidising. |
| Explosion limits | : | No data available |
| Particle characteristics | : | No data available |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.
Conditions to avoid : Keep away from heat and direct sunlight. Do not mix with other chemicals.
Incompatible materials : Strong oxidizing agents.
Hazardous decomposition products : May include and are not limited to: oxides of carbon. Sulfur oxide. Nitrogen oxides.

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| **Amides, C8-18 and C18-unsaturated, N-(hydroxyethyl) (69227-24-3)** | |
|---|---|
| LD50 oral rat | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute Toxicity (Oral)) |
| LD50 dermal rabbit | > 2000 mg/kg body weight Animal: rabbit, Guideline: other: |

| **Amides, coco, N-(hydroxyethyl) (68140-00-1)** | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (Source: CHEMVIEW) |
| LD50 dermal rabbit | > 2000 mg/kg (Source: EPA_HPV) |

| **Sodium lauryl sulfate (151-21-3)** | |
|---|---|
| LD50 oral rat | 1288 mg/kg (Source: NLM_CIP) |
| LD50 dermal rat | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | > 3900 mg/m³ (Exposure time: 1 h Source: NLM_CIP) |

| **Sodium dodecylbenzenesulfonate (25155-30-0)** | |
|---|---|
| LD50 oral rat | 500 mg/kg (Source: JAPAN_GHS) |
| LD50 dermal rat | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | 310 mg/m³ (Exposure time: 4 h Source: ECHA_API) |

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

| **Amides, C8-18 and C18-unsaturated, N-(hydroxyethyl) (69227-24-3)** | |
|---|---|
| NOAEL (oral,rat,90 days) | 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

| Sodium dodecylbenzenesulfonate (25155-30-0) | |
|---|---|
| LOAEL (oral,rat,90 days) | 200 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| LOAEL (dermal,rat/rabbit,90 days) | 286 mg/kg body weight Animal: rat, Animal sex: male |
| NOAEL (oral,rat,90 days) | 100 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| NOAEL (dermal,rat/rabbit,90 days) | < 286 mg/kg body weight Animal: rat, Animal sex: male |

Aspiration hazard : Not classified

Likely routes of exposure : Skin and eye contact. Ingestion. Inhalation.

Symptoms/effects after inhalation : Prolonged inhalation may be harmful.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Harmful if swallowed. May cause stomach distress, nausea or vomiting.

## SECTION 12 Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Toxic to aquatic life with long lasting effects.

| Amides, C8-18 and C18-unsaturated, N-(hydroxyethyl) (69227-24-3) | |
|---|---|
| LC50 - Fish [1] | > 3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA) |
| EC50 - Crustacea [1] | ≈ 3 mg/l Test organisms (species): Daphnia magna |
| NOEC chronic fish | ≈ 0.32 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d' |
| NOEC (chronic) | ≈ 0.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| LOEC (chronic) | ≈ 0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

| Amides, coco, N-(hydroxyethyl) (68140-00-1) | |
|---|---|
| LC50 - Fish [1] | 28.5 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static] Source: IUCLID) |
| LC50 - Fish [2] | 31 mg/l (Exposure time: 96 h - Species: Brachydanio rerio Source: IUCLID) |

| Sodium lauryl sulfate (151-21-3) | |
|---|---|
| LC50 - Fish [1] | 15 – 18.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA) |
| LC50 - Fish [2] | 8 – 12.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA) |
| EC50 - Crustacea [1] | 1.8 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| EC50 - Other aquatic organisms [1] | 11.1 mg/l Test organisms (species): other aquatic crustacea: |
| EC50 72h - Algae [1] | 53 mg/l (Species: Desmodesmus subspicatus) |
| EC50 72h - Algae [2] | 53 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 96h algae (3) | 3.59 – 15.6 mg/l (Species: Pseudokirchneriella subcapitata [static]) |
| EC50 96h - Algae [1] | 30 – 100 mg/l (Species: Desmodesmus subspicatus) |

| Sodium lauryl sulfate (151-21-3) | |
|---|---|
| EC50 96h - Algae [2] | 117 mg/l (Species: Pseudokirchneriella subcapitata) |
| NOEC chronic fish | ≥ 1.357 mg/l Test organisms (species): Pimephales promelas Duration: '42 d' |

| Sodium dodecylbenzenesulfonate (25155-30-0) | |
|---|---|
| LC50 - Fish [1] | 10.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 72h - Algae [1] | 65.4 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 21 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |

### 12.2. Persistence and degradability

| Amides, C8-18 and C18-unsaturated, N-(hydroxyethyl) (69227-24-3) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| Amides, coco, N-(hydroxyethyl) (68140-00-1) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| Sodium lauryl sulfate (151-21-3) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

| Sodium dodecylbenzenesulfonate (25155-30-0) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

### 12.3. Bioaccumulative potential

| Amides, coco, N-(hydroxyethyl) (68140-00-1) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 3.89 |

| Sodium lauryl sulfate (151-21-3) | |
|---|---|
| BCF - Fish [1] | (will not bioconcentrate) |
| Partition coefficient n-octanol/water (Log Pow) | 1.6 |

| Sodium dodecylbenzenesulfonate (25155-30-0) | |
|---|---|
| BCF - Fish [1] | (130 L/kg) |
| Partition coefficient n-octanol/water (Log Pow) | 1.96 (at 25 °C (at pH 7) |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified

Fluorinated greenhouse gases : No

## SECTION 13 Disposal considerations

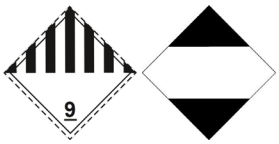
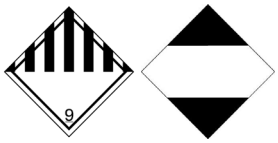
Waste treatment methods : Dispose of the material collected according to regulations.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : 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, disposal or collection. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## SECTION 14 Transport information

**In accordance with TDG / DOT**

| TDG | DOT |
|---|---|
| **14.1. UN Number** | |
| UN3082 | UN3082 |
| **14.2. UN Proper Shipping Name** | |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 and C18-unsaturated, N-(hydroxyethyl)) | Environmentally hazardous substances, liquid, n.o.s. (Amides, C8-18 and C18-unsaturated, N-(hydroxyethyl)) |
| **Transport document description** | |
| UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amides, C8-18 and C18-unsaturated, N-(hydroxyethyl)), 9, III | UN3082 Environmentally hazardous substances, liquid, n.o.s. (Amides, C8-18 and C18-unsaturated, N-(hydroxyethyl)), 9, III |
| **14.3. Transport hazard class(es)** | |
| 9 (LTD QTY) | 9 (LTD QTY) |
|  |  |
| **14.4. Packing group, if applicable** | |
| III | III |
| **14.5. Environmental hazards** | |
| Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available | |

### 14.6. Special precautions for user

**TDG**

UN-No. (TDG) : UN3082

| | | |
|---|---|---|
| TDG Special Provisions | : | 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3).<br>(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:<br>(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;<br>(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S;<br>(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;<br>(d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or<br>(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.<br>(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:<br>(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or<br>(b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, may be offered for transport, handled or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means of containment and during transport.<br>(2) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety. |
| Explosive Limit and Limited Quantity Index | : | 5 L |
| Excepted quantities (TDG) | : | E1 |
| Emergency Response Guide (ERG) Number | : | 171 |

**DOT**

| | | |
|---|---|---|
| UN-No. (DOT) | : | UN3082 |

| | | |
|---|---|---|
| DOT Special Provisions (49 CFR 172.102) | : | 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description “Other regulated substances, liquid or solid, n.o.s.”, as appropriate. In addition, for solid materials, special provision B54 applies.<br>146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.<br>173 - An appropriate generic entry may be used for this material.<br>335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as “Environmentally hazardous substances, solid, n.o.s,” UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.<br>IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).<br>T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)<br>TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.<br>TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP. |
| DOT Packaging Exceptions (49 CFR 173.xxx) | : | 155 |
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : | 203 |
| DOT Packaging Bulk (49 CFR 173.xxx) | : | 241 |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : | No Limit |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : | No Limit |
| DOT Vessel Stowage Location | : | A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel. |

### 14.7. Transport in bulk according to Annex II of MARPOL 73/789(^9) and the IBC Code(^10)

Not applicable

## SECTION 15 Regulatory information

All components of this product are present on DSL, except for:

(z)-3-methyl-5-phenylpent-2-enenitrile (53243-59-7)

Listed on the Canadian NDSL (Non-Domestic Substances List)

(e)-3-methyl-5-phenylpent-2-enenitrile (53243-60-0)

Listed on the Canadian NDSL (Non-Domestic Substances List)

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

| **Sodium dodecylbenzenesulfonate (25155-30-0)** | |
|---|---|
| CERCLA RQ | 1000 lb |

| **Sodium hydroxide (1310-73-2)** | |
|---|---|
| CERCLA RQ | 1000 lb |

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16 Other Information

Issue date : 07/15/2025

Other information : For an updated SDS, please contact the supplier or manufacturer listed on the first page of the document.

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