# SAFETY DATA SHEET

**Issue Date** 09-Feb-2016 **Revision Date** 09-Feb-2016 **Version** 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

**Product Name** SDC6000 HD Degreaser

**Other means of identification**

**SDS#** JC-011-015

**Details of the supplier of the safety data sheet**

**Company Name** GATOR CHEMICAL
2202 INDUSTRIAL BLVD
SARASOTA, FL, 34234
941-225-7657

**Emergency telephone number**

**Emergency Telephone** INFOTRAC 1-800-535-5053

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|---|---|
| Acute toxicity - Oral | Not classified |
| Acute toxicity - Dermal | Not classified |
| Skin corrosion/irritation | Category 1 Sub-category B |
| Serious eye damage/eye irritation | Category 2A |
| Carcinogenicity | Category 2 |

**Label elements**

**Emergency Overview**

# Danger

**Hazard statements**
Causes severe skin burns and eye damage
Causes serious eye irritation
Suspected of causing cancer

**Appearance** Clear **Physical state** Liquid **Odor** Mild

**Precautionary Statements - Prevention**
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required

Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling

**Precautionary Statements - Response**
IF exposed or concerned: Get medical advice/attention
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 doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Precautionary Statements - Storage**
Store locked up

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**
**Other Information**
• Harmful to aquatic life
Unknown Acute Toxicity 0.09234116% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|---|---|---|---|
| Potassium Hydroxide | 1310-58-3 | 1-5 | * |
| Monoethanolamine | 141-43-5 | 1-5 | * |
| Cocamide DEA | 68603-42-9 | 1-5 | * |
| Sodium Dodecyl benzene sulfonic Acid | 25155-30-0 | 1-5 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

**First aid measures**

**General advice** Immediate medical attention is required.

**Skin Contact** Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Eye contact** Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

**Inhalation** Remove to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion** Immediate medical attention is required. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Remove from exposure, lie down. Clean mouth with water and drink afterwards plenty of water. Call a physician or poison control center immediately.

**Self-protection of the first aider** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Any additional important symptoms and effects are described in Section 11: Toxicology Information.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**
The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.

**Explosion data**
**Sensitivity to Mechanical Impact** None.
**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

**Environmental precautions**

**Environmental precautions** Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation,

wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**Incompatible materials** Incompatible with strong acids and bases. Incompatible with oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** Exposure guidelines noted for ingredient(s).

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Potassium Hydroxide<br>1310-58-3 | Ceiling: 2 mg/m$^3$ | (vacated) Ceiling: 2 mg/m$^3$ | Ceiling: 2 mg/m$^3$ |
| Monoethanolamine<br>141-43-5 | STEL: 6 ppm<br>TWA: 3 ppm | TWA: 3 ppm<br>TWA: 6 mg/m$^3$<br>(vacated) TWA: 3 ppm<br>(vacated) TWA: 8 mg/m$^3$<br>(vacated) STEL: 6 ppm<br>(vacated) STEL: 15 mg/m$^3$ | IDLH: 30 ppm<br>TWA: 3 ppm<br>TWA: 8 mg/m$^3$<br>STEL: 6 ppm<br>STEL: 15 mg/m$^3$ |
| Diethanolamine<br>111-42-2 | TWA: 1 mg/m$^3$ inhalable fraction and vapor<br>S* | (vacated) TWA: 3 ppm<br>(vacated) TWA: 15 mg/m$^3$ | TWA: 3 ppm<br>TWA: 15 mg/m$^3$ |

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Showers, Eyewash stations & Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles). Wear a face shield if splashing hazard exists.

**Skin and body protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Take off all contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Liquid

| | |
|---|---|
| **Appearance** | Clear |
| **Color** | Red |
| **Odor** | Mild |
| **Odor threshold** | No Information available |

| Property | Values | Remarks • Method |
|---|---|---|
| **pH** | 13.0 - 14.0 | |
| **Specific Gravity** | 1.03 | |
| **Viscosity** | No Information available | |
| **Melting point/freezing point** | No Information available | |
| **Flash point** | Above 200°F | |
| **Boiling point / boiling range** | >= 100 °C / 212 ° F (at 760 mm Hg) | |
| **Evaporation rate** | No Information available | |
| **Flammability (solid, gas)** | No data available | |
| **Flammability Limits in Air** | | |
| **Upper flammability limit:** | No Information available | |
| **Lower flammability limit:** | No Information available | |
| **Vapor pressure** | No Information available | |
| **Vapor density** | No Information available | |
| **Water solubility** | Complete | |
| **Partition coefficient** | No Information available | |
| **Autoignition temperature** | No Information available | |
| **Decomposition temperature** | No Information available | |

**Other Information**

| | |
|---|---|
| **Density Lbs/Gal** | 8.60 |
| **VOC Content (%)** | 1.60206 |

## 10. STABILITY AND REACTIVITY

**Reactivity**
No data available

**Chemical stability**
Stable under recommended storage conditions.
**Possibility of Hazardous Reactions**
None under normal processing.
**Conditions to avoid**
Exposure to air or moisture over prolonged periods.
**Incompatible materials**
Incompatible with strong acids and bases. Incompatible with oxidizing agents.
**Hazardous Decomposition Products**
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

| | |
|---|---|
| **Inhalation** | No data available. Avoid breathing vapors or mists. |
| **Eye contact** | Avoid contact with eyes. Causes severe eye damage. |
| **Skin Contact** | Avoid contact with skin. Corrosive. Contact with skin may cause severe irritation and burns. |

**Ingestion** No data available. Not an expected route of exposure. Do not taste or swallow.

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Potassium Hydroxide 1310-58-3 | = 284 mg/kg ( Rat ) | - | - |
| Monoethanolamine 141-43-5 | = 1720 mg/kg ( Rat ) | = 1000 mg/kg ( Rabbit ) = 1 mL/kg ( Rabbit ) | - |
| Cocamide DEA 68603-42-9 | = 12400 µL/kg ( Rat ) | - | - |
| Sodium Dodecyl benzene sulfonic Acid 25155-30-0 | = 500 mg/kg ( Rat ) = 438 mg/kg ( Rat ) | - | - |

**Information on toxicological effects**

**Symptoms** No Information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No Information available.
**Germ cell mutagenicity** No Information available.
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Cocamide DEA 68603-42-9 | - | Group 2B | - | X |

***IARC (International Agency for Research on Cancer)***
*Group 2B - Possibly Carcinogenic to Humans*
***OSHA (Occupational Safety and Health Administration of the US Department of Labor)***
*X - Present*

**Reproductive toxicity** No Information available.
**STOT - single exposure** No Information available.
**STOT - repeated exposure** No Information available.
**Chronic toxicity** Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risk of irreversible effects.
**Target organ effects** Central nervous system, EYES, Respiratory system, Skin.
**Aspiration hazard** No Information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.09234116% of the mixture consists of ingredient(s) of unknown toxicity

**The following values are calculated based on chapter 3.1 of the GHS document.**
**ATEmix (oral)** 9,557.00 mg/kg
**ATEmix (dermal)** 57,507.00 mg/kg
**ATEmix (inhalation-dust/mist)** 96.00 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

0.14274% of the mixture consists of components(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| Potassium Hydroxide 1310-58-3 | - | 80: 96 h Gambusia affinis mg/L LC50 static | - |
| 1-(2-Butoxy-1-propoxy)-2-propanol 29911-28-2 | - | 841: 96 h Poecilia reticulata mg/L LC50 static | - |
| Monoethanolamine 141-43-5 | 15: 72 h Desmodesmus subspicatus mg/L EC50 | 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L | 65: 48 h Daphnia magna mg/L EC50 |

| | | | |
|---|---|---|---|
| | | LC50 flow-through 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static | |
| Cocamide DEA 68603-42-9 | - | 3.6: 96 h Brachydanio rerio mg/L LC50 semi-static | 4.2: 24 h Daphnia magna mg/L EC50 |
| Sodium Dodecyl benzene sulfonic Acid 25155-30-0 | - | 10.8: 96 h Oncorhynchus mykiss mg/L LC50 static | - |
| Sodium Silicate 1344-09-8 | - | 3185: 96 h Brachydanio rerio mg/L LC50 semi-static 301 - 478: 96 h Lepomis macrochirus mg/L LC50 | 216: 96 h Daphnia magna mg/L EC50 |
| Diethanolamine 111-42-2 | 7.8: 72 h Desmodesmus subspicatus mg/L EC50 2.1 - 2.3: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 4460 - 4980: 96 h Pimephales promelas mg/L LC50 flow-through 600 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 1200 - 1580: 96 h Pimephales promelas mg/L LC50 static | 55: 48 h Daphnia magna mg/L EC50 |
| Sodium Sulfate 7757-82-6 | - | 13500: 96 h Lepomis macrochirus mg/L LC50 13500 - 14500: 96 h Pimephales promelas mg/L LC50 3040 - 4380: 96 h Lepomis macrochirus mg/L LC50 static 6800: 96 h Pimephales promelas mg/L LC50 static | 630: 96 h Daphnia magna mg/L EC50 2564: 48 h Daphnia magna mg/L EC50 |

**Persistence and degradability**
No Information available.

**Bioaccumulation**
No Information available.

| Chemical Name | Partition coefficient |
|---|---|
| Potassium Hydroxide 1310-58-3 | 0.65 0.83 |
| Monoethanolamine 141-43-5 | -1.91 |

**Other adverse effects** No Information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste Status |
|---|---|
| Potassium Hydroxide 1310-58-3 | Toxic Corrosive |

## 14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

**DOT** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

## 15. REGULATORY INFORMATION

### International Inventories

| | |
|---|---|
| **TSCA** | Complies |
| **DSL/NDSL** | Complies |

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

| | |
|---|---|
| **Acute health hazard** | Yes |
| **Chronic Health Hazard** | Yes |
| **Fire hazard** | No |
| **Sudden release of pressure hazard** | No |
| **Reactive Hazard** | No |

#### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|---|---|---|---|
| Potassium Hydroxide 1310-58-3 | 1000 lb | - | - | X |
| Sodium Dodecyl benzene sulfonic Acid 25155-30-0 | 1000 lb | - | - | X |

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---|---|---|---|
| Potassium Hydroxide 1310-58-3 | 1000 lb | - | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |
| Sodium Dodecyl benzene sulfonic Acid 25155-30-0 | 1000 lb | - | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals

| Chemical Name | California Proposition 65 |
|---|---|
| Cocamide DEA - 68603-42-9 | Carcinogen |
| Diethanolamine - 111-42-2 | Carcinogen |

#### U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| Potassium Hydroxide 1310-58-3 | X | X | X |
| Monoethanolamine | X | X | X |

| | | | |
|---|---|---|---|
| 141-43-5 | | | |
| Sodium Dodecyl benzene sulfonic Acid 25155-30-0 | X | X | X |
| Diethanolamine 111-42-2 | X | X | X |
| Sodium Sulfate 7757-82-6 | - | X | X |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

## 16. OTHER INFORMATION

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **NFPA** | **Health hazards** 3 | **Flammability** 0 | **Instability** 0 | **Physical and Chemical Properties** Yes |
| **HMIS** | **Health hazards** 3 | **Flammability** 0 | **Physical hazards** 0 | **Personal protection** X |

**Issue Date** 09-Feb-2016
**Revision Date** 09-Feb-2016
**Revision Note**

No Information available

**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.**

**End of Safety Data Sheet**