

## 1. Identification

|   |  |                      |
|---|--|----------------------|
| <b>Product identifier</b>                                     | <b>Gunk Shop Degreaser - Heavy Duty</b>                      |                      |
| <b>Other means of identification</b>                          |  |                      |
| <b>SDS number</b>   | SD11   |                      |
| <b>Part No.</b>   | SD11   |                      |
| <b>Tariff code</b>  | 3402.90.5050   |                      |
| <b>Recommended use</b>  | Degreaser  |                      |
| <b>Recommended restrictions</b>                               | None known.  |                      |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |  |                      |
| <b>Manufacturer</b>   |  |                      |
| <b>Company name</b>   | RSC Chemical Solutions                                       |                      |
| <b>Address</b>  | 600 Radiator Road<br>Indian Trail, NC 28079<br>United States |                      |
| <b>Telephone</b>  | Customer Service:  | (704) 821-7643       |
|   | Technical:   | (704) 684-1811       |
| <b>Website</b>  | www.rscbrands.com  |                      |
| <b>E-mail</b>   | Not available.   |                      |
| <b>Emergency phone number</b>                                 | Emergency Telephone:   | (303) 623-5716       |
|   | Emergency Contact:   | RMPDC (877-740-5015) |

## 2. Hazard(s) identification

|                              |  |                             |
|------------------------------|--|-----------------------------|
| <b>Physical hazards</b>      | Flammable aerosols                                     | Category 1                  |
| <b>Health hazards</b>        | Sensitization, skin                                    | Category 1                  |
|                              | Specific target organ toxicity, single exposure        | Category 3 narcotic effects |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, acute hazard     | Category 2                  |
|                              | Hazardous to the aquatic environment, long-term hazard | Category 2                  |
| <b>OSHA defined hazards</b>  | Not classified.  |                             |

### Label elements



|                                |  |
|--------------------------------|--|
| <b>Signal word</b>             | Danger   |
| <b>Hazard statement</b>        | Extremely flammable aerosol. May cause an allergic skin reaction. May cause drowsiness or dizziness. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.   |
| <b>Precautionary statement</b> |  |
| <b>Prevention</b>              | 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. Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves. |
| <b>Response</b>                | If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage.  |
| <b>Storage</b>                 | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.   |
| <b>Disposal</b>                | Dispose of contents/container in accordance with local/regional/national/international regulations.  |

**Hazard(s) not otherwise classified (HNOC)**

Combustible.

**Supplemental information**

11.92% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 11.92% 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 | %         |
|---|--------------------------|------------|-----------|
| Distillates (petroleum), Hydrotreated Light |                          | 64742-47-8 | 80 - < 90 |
| Carbon Dioxide                              |                          | 124-38-9   | 3 - < 5   |
| Citrus Terpenes                             |                          | 94266-47-4 | 1 - < 3   |
| Other components below reportable levels    |                          |            | 5 - < 10  |

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

### 4. First-aid measures

#### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

#### Eye contact

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

#### Ingestion

In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

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

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Diarrhea. May cause an allergic skin reaction. Dermatitis. Rash.

#### 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

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Powder. Alcohol resistant foam. Dry chemicals. Carbon dioxide (CO<sub>2</sub>).

#### 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. Cool containers exposed to heat with water spray and remove container, if no risk is involved. 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. Combustible.

### 6. Accidental release measures

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

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. 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. Use water spray to reduce vapors or divert vapor cloud drift. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

**7. Handling and storage**

**Precautions for safe handling**

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. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. 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. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls/personal protection**

**Occupational exposure limits**

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

| Components                    | Type | Value      |
|-------------------------------|------|------------|
| Carbon Dioxide (CAS 124-38-9) | PEL  | 9000 mg/m3 |
|                               |      | 5000 ppm   |

**US. ACGIH Threshold Limit Values**

| Components                    | Type | Value     |
|-------------------------------|------|-----------|
| Carbon Dioxide (CAS 124-38-9) | STEL | 30000 ppm |
|                               | TWA  | 5000 ppm  |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components   | Type | Value       |
|--|------|-------------|
| Carbon Dioxide (CAS 124-38-9)                                | STEL | 54000 mg/m3 |
|  |      | 30000 ppm   |
|  | TWA  | 9000 mg/m3  |
| Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8) |      | 5000 ppm    |
|  | TWA  | 100 mg/m3   |

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**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.

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

**Eye/face protection**

Chemical respirator with organic vapor cartridge and full facepiece.

|                                       |   |
|---------------------------------------|---|
| <b>Skin protection</b>                |   |
| <b>Hand protection</b>                | Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.   |
| <b>Other</b>                          | Wear appropriate chemical resistant clothing.   |
| <b>Respiratory protection</b>         | Chemical respirator with organic vapor cartridge and full facepiece.  |
| <b>Thermal hazards</b>                | Wear appropriate thermal protective clothing, when necessary.   |
| <b>General hygiene considerations</b> | When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. |

## 9. Physical and chemical properties

|   |                                     |
|---|-------------------------------------|
| <b>Appearance</b>                                   | Liquid.                             |
| <b>Physical state</b>                               | Liquid.                             |
| <b>Form</b>   | Aerosol.                            |
| <b>Color</b>  | Clear colorless or nearly colorless |
| <b>Odor</b>   | Petroleum                           |
| <b>Odor threshold</b>                               | Not available.                      |
| <b>pH</b>   | Not available.                      |
| <b>Melting point/freezing point</b>                 | -27.4 °F (-33 °C) estimated         |
| <b>Initial boiling point and boiling range</b>      | 282.74 °F (139.3 °C) estimated      |
| <b>Flash point</b>                                  | 144.0 °F (62.2 °C) Tag Closed Cup   |
| <b>Evaporation rate</b>                             | Not available.                      |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                     |
| <b>Upper/lower flammability or explosive limits</b> |                                     |
| <b>Flammability limit - lower (%)</b>               | 0.7 % estimated                     |
| <b>Flammability limit - upper (%)</b>               | 5 % estimated                       |
| <b>Explosive limit - lower (%)</b>                  | Not available.                      |
| <b>Explosive limit - upper (%)</b>                  | Not available.                      |
| <b>Vapor pressure</b>                               | 1.2 hPa estimated                   |
| <b>Vapor density</b>                                | Not available.                      |
| <b>Relative density</b>                             | Not available.                      |
| <b>Solubility(ies)</b>                              |                                     |
| <b>Solubility (water)</b>                           | Not available.                      |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                      |
| <b>Auto-ignition temperature</b>                    | 410 °F (210 °C) estimated           |
| <b>Decomposition temperature</b>                    | Not available.                      |
| <b>Viscosity</b>                                    | Not available.                      |
| <b>Other information</b>                            |                                     |
| <b>Density</b>                                      | 7.40 lbs/gal                        |
| <b>Explosive properties</b>                         | Not explosive.                      |
| <b>Flammability class</b>                           | Combustible II estimated            |
| <b>Heat of combustion (NFPA 30B)</b>                | 35.53 kJ/g estimated                |
| <b>Moisture</b>                                     | < 0.5 % w/w                         |
| <b>Oxidizing properties</b>                         | Not oxidizing.                      |
| <b>Specific gravity</b>                             | 0.89                                |
| <b>VOC (Weight %)</b>                               | 0 % w/w                             |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>Conditions to avoid</b>                | Avoid temperatures exceeding the flash point. Contact with incompatible materials.            |
| <b>Incompatible materials</b>             | Strong oxidizing agents.  |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | May cause an allergic skin reaction.   |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation.   |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.   |

**Symptoms related to the physical, chemical and toxicological characteristics** Headache. May cause drowsiness and dizziness. Nausea, vomiting. Diarrhea. May cause an allergic skin reaction. Dermatitis. Rash.

### Information on toxicological effects

|  |  |
|--|--|
| <b>Acute toxicity</b>                    | Narcotic effects. May cause an allergic skin reaction.   |
| <b>Skin corrosion/irritation</b>         | Prolonged skin contact may cause temporary irritation.   |
| <b>Serious eye damage/eye irritation</b> | Direct contact with eyes may cause temporary irritation. |

### Respiratory or skin sensitization

|                                  |                                      |
|----------------------------------|--------------------------------------|
| <b>Respiratory sensitization</b> | Not a respiratory sensitizer.        |
| <b>Skin sensitization</b>        | May cause an allergic skin reaction. |

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** May cause drowsiness and dizziness.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** Prolonged inhalation may be harmful.

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

| Components   | Species  | Test Results       |
|--|--|--------------------|
| Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8) |  |                    |
| <b>Aquatic</b>   |  |                    |
| Fish   | LC50<br>Rainbow trout,donaldson trout<br>(Oncorhynchus mykiss) | 2.9 mg/l, 96 hours |

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

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

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

### 14. Transport information

#### DOT

**UN number** Not available.  
**UN proper shipping name** Consumer Commodity (RMSDCMP Shop Degreaser Comp)  
**Transport hazard class(es)**  
**Class** ORM-D  
**Subsidiary risk** -  
**Label(s)** 2.2  
**Packing group** Not applicable.  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.  
**Special provisions** T75, TP5  
**Packaging exceptions** 306  
**Packaging non bulk** 304  
**Packaging bulk** 314, 315

#### IATA

**UN number** UN1950  
**UN proper shipping name** Aerosols, non-flammable  
**Transport hazard class(es)**  
**Class** 2.2  
**Subsidiary risk** -  
**Packing group** Not applicable.  
**Environmental hazards** Yes  
**ERG Code** 2L  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.  
**Other information**  
**Passenger and cargo aircraft** Allowed.  
**Cargo aircraft only** Allowed.

#### IMDG

**UN number** UN1950  
**UN proper shipping name** AEROSOLS  
**Transport hazard class(es)**  
**Class** 2  
**Subsidiary risk** -  
**Packing group** Not applicable.  
**Environmental hazards**  
**Marine pollutant** Yes  
**EmS** F-D, S-U  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

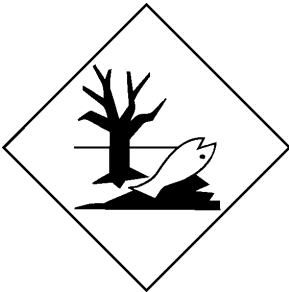
IATA



IMDG



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.  
One or more components are not listed on TSCA.

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

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not 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 - No  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

No

#### SARA 313 (TRI reporting)

Not regulated.

## Other federal regulations

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

Not regulated.

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

Not regulated.

### Safe Drinking Water Act (SDWA)

Not regulated.

## US state regulations

### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

### US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)

### US. Massachusetts RTK - Substance List

Carbon Dioxide (CAS 124-38-9)

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)

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

Carbon Dioxide (CAS 124-38-9)

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)

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

Carbon Dioxide (CAS 124-38-9)

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)

### US. Rhode Island RTK

Not regulated.

### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## International Inventories

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)   | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| 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)      | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | No                     |

\*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    | 04-23-2015   |
| Version #     | 01   |
| HMIS® ratings | Health: 2<br>Flammability: 4<br>Physical hazard: 0 |
| NFPA ratings  | Health: 2<br>Flammability: 4<br>Instability: 0     |



**NFPA ratings****Disclaimer**

RSC Chemical Solutions 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.