



# SAFETY DATA SHEET

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## Section 1. Identification

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**Product Name:** Safe Harbor  
**Chemical Name:** Mixture  
**Synonyms:** Fast Acting Oil & Grease Spot Remover

### Recommended Use of the Mixture and Restrictions On Use:

**Restricted To:** For Professional Use Only  
**Uses Advised Against:** Not recommended for Household Use.

### Supplier's Details:

Trident  
3925 Stern Avenue  
St. Charles, IL 60174  
(866) 951-4293  
[www.tridentprotects.com](http://www.tridentprotects.com)

**Emergency Telephone Number:** CHEMTREC (800) 424-9300 (United States Only)  
**Chemtrec (outside USA):** (703) 527-3887

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## Section 2. Hazards Identification

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### Hazard Classification:

### OSHA/HCS Status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Physical Hazards:

CORROSIVE TO METALS - Category 1

### Health Hazards:

ACUTE TOXICITY: ORAL - Category 4

SKIN CORROSION - Category 1A

SERIOUS EYE DAMAGE - Category 1

ACUTE AQUATIC TOXICITY - Category 3

## GHS Label Elements:

### Hazard Pictograms:



Signal Word: DANGER

### Hazard Statements:

May be corrosive to metals  
Harmful if swallowed  
Causes severe skin burns and eye damage  
Causes serious eye damage  
Harmful to aquatic life

### Precautionary Statements:

#### Prevention:

Keep out of reach of children. Read label before use. Use only outdoors in a well ventilated area. Keep container tightly closed when not in use. Keep only in original container. Do not breathe dust, fumes or mist. Do not get in eyes, on skin, or on clothing. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, clothing, face and eye protection. Avoid release to the environment.

#### Response:

Get medical attention if exposed and you feel unwell.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or doctor.

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Call a Poison Center or doctor if you feel unwell.

**IF ON SKIN (or hair):** Immediately call a Poison Center or doctor. Immediately take off all contaminated clothing. Rinse skin with plenty of water or shower. Wash contaminated clothing before reuse.

**IF IN EYES:** Get immediate medical attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**IN CASE OF FIRE:** Use water, water fog, dry chemical, CO2 or alcohol resistant foam to extinguish.

#### Storage:

Store locked up. Keep in original packaging. Store in a well-ventilated place. Keep cool. Do not allow to freeze.

**Disposal:**

Dispose of contents and container in accordance with all local, regional national and international regulations.

**Hazards not otherwise classified:**

None known.

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### Section 3. Composition/Information on Ingredients

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**Substance/Mixture:** Mixture  
**Chemical Name:** NA  
**Other Means of Identification:** Oil Extractor

**CAS number/other identifiers:**

**CAS Number:** Mixture

**Hazardous Components:**

<b>Ingredient Name</b>	<b>%</b>	<b>CAS Number</b>
Potassium Hydroxide	30-35*	1310-58-3
Petroleum Distillates	15-20*	64742-47-8
Balance	Balance*	Trade Secret

\*= Proprietary (the exact percentage (concentration) of composition has been withheld as a trade secret.)

**Occupation exposure limits, if available, are listed in Section 8.**

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### Section 4. First Aid Measures

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**Description of Necessary First Aid Measures:**

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Remove contaminated clothing.

**If inhaled**

Move person to fresh air. Call a physician if not breathing, give artificial respiration.

**In case of skin contact**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician immediately.

#### If swallowed

Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician immediately.

#### Most Important Symptoms/Effects, Acute:

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

#### Indication of immediate medical attention and special treatment needed (if necessary):

No data available.

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## **Section 5. Firefighting Measures**

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#### Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Special hazards arising from the substance or mixture:

Potassium Oxides, Carbon Oxides

#### Advice for firefighters:

If evacuation of personnel is necessary, evacuate to an upwind area. Use protective clothing and NIOSH-approved breathing equipment for firefighting if necessary.

#### Further information:

No data available

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## **Section 6. Accidental Release Measures**

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#### Personal Precautions, Protective Equipment and Emergency Procedures:

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk and avoid run off to waterways and sewers.

#### Environmental Precautions:

Do not let product enter drains, waterways and sewers.

#### Methods and materials for containment and cleaning up:

Soak up with inert absorbent material and prepare for disposal. Keep in suitable, closed containers for disposal.

#### Reference to other sections:

For disposal see section 13.

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## **Section 7. Handling and Storage**

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#### Precautions for Safe Handling:

##### Protective Measures:

Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes. Keep container closed when not in use.

##### Additional Protective Measures:

Safety showers and eyewash stations should be available. Educate and train employees in safe use of this product. Follow all label warnings and data sheet instructions.

#### Conditions for Safe Storage, Including any Incompatibilities:

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Regulatory Requirements: No data found

#### Storage stability:

Shelf life, use within: 24 months

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## **Section 8. Exposure Controls/Personal Protection**

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#### Control Parameters:

##### Appropriate Engineering Controls:

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Ventilation Controls:

Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.

#### Administrative controls:

Educate and train employees in safe use of this product. Follow all label warnings and data sheet instructions.

#### Individual Protection Measures:

As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard assessment of all workplaces to determine the need for proper protective equipment for each employee.

#### Eye/Face Protection:

Close fitting safety goggles. Face Protection shield.

#### Skin & Body Protection:

Wear protective gloves and protective clothing.

#### Respiratory Protection:

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

#### Contaminated Equipment:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Dispose of the waste in compliance with federal, state, regional and local regulations.

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## Section 9. Physical and Chemical Properties

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#### Information on basic physical and chemical properties:

Appearance Form:	Liquid, Milky white
Odor:	Strong solvent odor
Odor Threshold:	Not determined
pH:	13.8
Melting point/freezing point:	No data available
Initial boiling point & boiling range:	> 100 °C (> 212 °F)
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available

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Relative density:	1.13 g/cm <sup>3</sup> at 25 °C (77 °F)
Water solubility:	Slight
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

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## Section 10. Stability and Reactivity

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### Reactivity:

No data available

### Chemical Stability:

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions:

No data available

### Conditions to Avoid:

High heat, flame

### Incompatible Materials:

Metals, halogens, strong oxidizing agents

### Hazardous Decomposition Products:

No data available

### Other Decomposition Products:

No data available

### Other Information:

In Event of Fire: See Section 5

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## Section 11. Toxicological Information

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### Information on Toxicological Effects:

#### Product Information:

Causes Burns, Corrosive

#### Inhalation:

Avoid breathing vapors. May be harmful if inhaled.

#### Ingestion:

Harmful if swallowed.

#### Eyes:

Corrosive and may cause severe damage including blindness.

#### Skin:

Causes burns and blisters with prolonged contact.

### Germ cell mutagenicity:

No data available

### Carcinogenicity:

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

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**Reproductive toxicity:**

No data available

**Specific target organ toxicity - single exposure:**

No data available

**Specific target organ toxicity - repeated exposure:**

No data available

**Aspiration hazard:**

No data available

**Additional Information:**

No data available

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## Section 12. Ecological Information

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**Toxicity:**

No data available

**Persistence and Degradability:**

No data available

**Bioaccumulative Potential:**

No data available

**Mobility in Soil:**

No data available

**Other adverse Ecological Effects:**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.

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## Section 13. Disposal Considerations

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**Waste Disposal Method:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.  
Incineration is the preferred method.



### Empty Container Precautions:

Empty containers must be handled with care due to product residue. Decontaminate containers prior to disposal. Empty decontaminated containers should be crushed to prevent reuse. Do not heat or cut empty container with electric or gas torch.

### Contaminated packaging:

Dispose of as unused product.

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## Section 14. Transport Information

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DOT UN #: 1760  
Proper Shipping Name: Corrosive Liquids, N.O.S.  
Hazard Class: 8  
Packing Group: II

### Transport/Additional Information

§ 173.154 Exceptions for Class 8 (corrosive materials).

(a) General. Exceptions for hazardous materials shipments in the following paragraphs are permitted only if this section is referenced for the specific hazardous material in the § 172.101 table of this subchapter.

(b) **LIMITED QUANTITIES**. Limited quantities of corrosive material (Class 8) in Packing Groups II and III are excepted from labeling requirements, unless the material is offered for transportation or transported by aircraft, and are excepted from the specification packaging requirements of this subchapter when packaged in combination packagings according to this paragraph. For transportation by aircraft, the package must also conform to the applicable requirements of § 173.27 of this part (e.g., authorized materials, inner packaging quantity limits and closure securement) and only hazardous material authorized aboard passenger-carrying aircraft may be transported as a limited quantity. A limited quantity package that conforms to the provisions of this section is not subject to the shipping paper requirements of subpart C of part 172 of this subchapter, unless the material meets the definition of a hazardous substance, hazardous waste, marine pollutant, or is offered for transportation and transported by aircraft or vessel, and is eligible for the exceptions provided in § 173.156 of this part. In addition, shipments of limited quantities are not subject to subpart F (Placarding) of part 172 of this subchapter. Each package must conform to the packaging requirements of subpart B of this part and may not exceed 30 kg (66

pounds) gross weight. Except for transportation by aircraft, the following combination packagings are authorized:

(1) For corrosive materials in Packing Group II, inner packagings not over 1.0 L (0.3 gallon) net capacity each for liquids or not over 1.0 kg (2.2 pounds) net capacity each for solids, packed in a strong outer packaging.

(2) For corrosive materials in Packing Group III, inner packagings not over 5.0 L (1.3 gallons) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging.

(c) Consumer commodities. Until December 31, 2020, a limited quantity package containing a “consumer commodity” as defined in § 171.8 of this subchapter, may be renamed “Consumer commodity” and reclassified as ORM-D or, until December 31, 2012, as ORM-D-AIR material and offered for transportation and transported in accordance with the applicable provisions of this subchapter in effect on October 1, 2010.

(d) Materials corrosive to aluminum or steel only. Except for a hazardous substance, a hazardous waste, or a marine pollutant, a material classed as a Class 8, Packing Group III, material solely because of its corrosive effect -

(1) On aluminum is not subject to any other requirements of this subchapter when transported by motor vehicle or rail car in a packaging constructed of materials that will not react dangerously with or be degraded by the corrosive material; or

(2) On steel is not subject to any other requirements of this subchapter when transported by motor vehicle or rail car in a bulk packaging constructed of materials that will not react dangerously with or be degraded by the corrosive material.

(e) Reverse logistics. Hazardous materials meeting the definition of “reverse logistics” under § 171.8 of this subchapter and in compliance with paragraph (b) of this section may be offered for transport and transported in highway transportation in accordance with § 173.157

**Important Note:** Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

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## Section 15. Regulatory Information

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This listing is to highlight federal level regulations of the product. Individual states, and other nations may have further regulations not listed below.

### Classification of Mixture:

#### SARA 302:

**Components:** No Chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Chemical Name	CAS NO	%
Potassium Hydroxide	1310-58-3	30-35
Petroleum Distillates	64742-47-8	15-20

### 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

### California Prop. 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

### US Right-to-Know Regulations:

Chemical Name	PA	MA	NJ
Potassium Hydroxide	X	X	X
Petroleum Distillates	X	X	X

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## Section 16. Other Information

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