



## Safety Data Sheet

### Section 1 – Identification

**Product Identifier: Ormadus All Purpose Degreaser**

**Other means of Identification: 0618081, 0618082, 0618083, 0618084, 0618085**

*Name and Address of Responsible Parties:*

#### **Fastenal Company**

**2001 Theurer Blvd  
Winona, MN 55987 – USA**

#### **Fastenal México**

**S de RL de CV Avenida (AV.) Multiparque-CPA  
Logistics Center ADN 1100, Parque Industrial  
Multiparque Aeropuerto, Ciénega de Flores,  
Nuevo León, C.P. 65583**

#### **Fastenal Canada, LTD**

**900 Wabanaki Drive, Kitchener,  
ON N2C 0B7**

**Information Telephone #: 651-365-7500**

**24 Hr. Emergency Telephone Number: 1-800-424-9300 (CHEMTREC)**

### Section 2 – Hazards Identification

#### **2.1 Classification of the Substance or Mixture**

**GHS-CA Classification: Eye Irrit. 2B**

#### **2.2 Label Elements**



**Hazard Pictograms (GHS-CA):**

**Signal Word (GHS-CA): Warning**

**Hazard Statements (GHS-CA): May cause eye irritation.**

## Section 2 – Hazards Identification (Continued)

**Precautionary Statements: P264 - Wash hands thoroughly after handling (GHS-CA)**  
**P280 - Wear eye protection/face protection**  
**P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**  
**P337+P313 - If eye irritation persists: Get medical advice/attention.**

**Other Hazards not otherwise classified:** No additional information available.

## Section 3 – Composition/Information on Ingredients

Chemical Name, Common Name	CAS #	Percentage
Sodium Metasilicate	6834-92-0	>= 1 -<3
Sodium Hydroxide	1310-73-2	>= 1 -<3
Tetrasodium EDTA	64-02-8	< 1
Sodium Xylene Sulfonate	1300-72-7	>= 1 -<3
Alcohols, C9-C11, ethoxylated	68439-46-3	>= 1 -<3
Cocamidopropylamine oxide	68155-09-9	>= 1 -<3
Diethylene Glycol Monobutyl Ether	112-34-5	>= 1 -<3
Linear Polydimethylsiloxane	63148-62-9	< 1
Hexamethylpararosaniline Chloride	548-62-9	< 1

*\*specific percentages of composition are being withheld as a trade secret.*

## Section 4 – First-Aid Measures

### Description of first aid measures:

**Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Skin contact:** If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

**Eye contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.

**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

### Most important symptoms and effects, both acute and delayed:

**Symptoms/injuries after Inhalation:** May cause respiratory tract irritation

**Symptoms/injuries after Skin Contact:** May cause skin irritation. Symptoms may include redness, drying, defatting, and cracking of the skin.

#### Section 4 – First-Aid Measures

**Symptoms/injuries after Eye Contact:** Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking, and tear production, with marked redness and swelling of the conjunctiva.

**Symptoms/injuries after ingestion:** May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.

**Indication of any immediate medical attention and special treatment needed:**  
Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible)

#### Section 5 – Firefighting Measures

**Extinguishing media:**

*Suitable extinguishing media:* Water fog, Carbon dioxide, Dry chemical, Foam.

*Unsuitable extinguishing media:* None known

**Special hazards arising from the substance or mixture:** Products of combustion may include, and are not limited to: oxides of carbon.

**Advice for firefighters:** Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

#### Section 6 – Accidental Release Measures

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

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Methods and materials for containment and clean up:**

**Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Clean Up:** Scoop up material and place in a disposal container.

**Reference to other sections:** See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

#### Section 7 – Handling and Storage

**Precautions for Safe Handling:** Avoid contact with skin and eyes. Avoid breathing

dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink, or smoke.

**Hygiene Measures:** Launder contaminated clothing before reuse. Wash hands before

## Section 7 – Handling and Storage (Continued)

eating, drinking, or smoking.

**Conditions for Safe Storage:** Keep out of the reach of children. Keep container tightly closed. Store away from heat.

## Section 8 – Exposure Controls/Personal Protection

### **Exposure limits:**

<b>Sodium Hydroxide (1310-73-2)</b>		
ACGIH	ACGIH (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
IDLH	US IDLH (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
NIOSH	NIOSH REL (ceiling) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>

### **Exposure Controls:**

**Appropriate Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

**Hand Protection:** None necessary under normal conditions of use. Wear gloves if handling large quantities.

**Eye/Face Protection:** Safety glasses with side shields.

**Skin Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of inadequate ventilation, wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Environmental Exposure Controls:** Maintain levels below Community environmental protection thresholds.

**Other Information:** Do not eat, smoke, or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

## Section 9 – Physical and Chemical Properties

**Physical State:** Liquid  
**Appearance:** Clear  
**Color:** Light purple  
**Odor:** Mild  
**Odor Threshold:** Not available  
**pH:** 11.0 – 13.0  
**Melting/Freezing Point:** ~ -3C (26.6F)  
**Boiling Point and Boiling Range:** >100C (212F)  
**Flash Point:** >93.3C (199.4F)  
**Relative Density:** 1.00 – 1.05  
**Solubility In Water:** Complete

## Section 10 – Stability and Reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical stability:** Stable under normal storage conditions.

**Possibility of hazardous reactions:** No dangerous reaction known under conditions of normal use.

**Conditions to avoid:** Heat. Contact with incompatible materials.

**Incompatible materials:** Strong oxidizers, Strong acids.

**Hazardous decomposition products:** oxides of carbon

## Section 11 – Toxicological Information

### Information on toxicological effects:

<b>Ormadus All Purpose Degreaser</b>	
LD50 oral rat	> 2000 mg/kg (Calculated Acute Toxicity Estimate)
LD50 dermal rabbit	> 2000 mg/kg (Calculated Acute Toxicity Estimate)
LC50 inhalation rat	> 20 mg/l/4h (Calculated Acute Toxicity Estimate)

<b>Sodium metasilicate (6843-92-0)</b>	
LD50 oral rat	847 mg/kg

<b>Sodium Hydroxide (1310-73-2)</b>	
LD50 dermal rabbit	1350 mg/kg

**Skin Corrosion:** Based on available data, the classification criteria are not met.

## Section 11 – Toxicological Information (Continued)

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** Based on available data, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**Reproductive Toxicity:** Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (Single Exposure):** Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (Repeated Exposure):** Based on available data, the classification criteria are not met.

**Aspiration Hazard:** Based on available data, the classification criteria are not met.

**Symptoms/Injuries After Inhalation:** May cause respiratory tract irritation.

**Symptoms/Injuries After Skin Contact:** May cause skin irritation. Symptoms may include redness, drying, defatting, and cracking of the skin.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking, and tear production, with marked redness and swelling of the conjunctiva.

**Symptoms/Injuries After Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

**Other Information:** Likely routes of exposure: Ingestion, Inhalation, Skin, and Eye.

## Section 12 – Ecological Information

**Toxicity Ecology - General:** May cause long-term adverse effects in the aquatic environment.

**Persistence and degradability:** This product itself has not been tested.

**Bioaccumulative potential:** This product itself has not been tested.

**Mobility in soil:** This product itself has not been tested.

**Other Adverse Effects:** None Known.

### Section 13 – Disposal Information

**Waste Disposal Recommendations:** This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

### Section 14 – Transportation Information

#### Transportation of Dangerous Goods

In accordance with Transportation of Dangerous Goods: Not regulated for transport.

### Section 15 – Regulatory Information

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories, except for: **Sodium Metasilicate Pentahydrate (CAS No. 10213-79-3)**

### Section 16 – Other Information



**Fastenal Ormadus Degreaser is an NSF Registered Product**

**Registration Number: 156496**

**Registration Classes: A1, A2, A4, A8, B1, C1**

#### Disclaimer

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