



## 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**

**Information Telephone #: 507-454-5374**

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

### Section 2 – Hazards Identification

**Classification of the Chemical:** Clear light purple liquid.

This material is classified as hazardous under OSHA regulations (29 CFR 1910.1200) (Hazcom 2012).

**Hazardous classification:** Eye irritation – Category 2B

**Label elements:**

**Signal Word:** Warning

**Hazard Statements:** May cause eye irritation.

**Precautionary Statements:** Wash hands thoroughly after handling.

If in eyes: Rinse cautiously with water for 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists, get medical advice/attention.



**Hazard Pictogram(s):**

**Other Hazards not otherwise classified:** None

**Section 3 – Composition/Information on Ingredients**

Chemical Name, Common Name	CAS #	Concentration wt/wt(*)
Surfactant, blend	Trade secret	1 – 2 %

**\* Note:** The exact concentrations of the chemical(s) above are being withheld as a trade secret.

**Section 4 – First-Aid Measures****Description of first aid measures:**

*Inhalation:* If inhaled remove victim to fresh air and keep at rest. Call a poison center or physician if you feel unwell.

*Skin contact:* Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs get medical advice/attention.

*Eye contact:* If product gets in eyes flush with water for at least 15 minutes. If eye irritation persists seek medical advice/attention.

*Ingestion:* Do NOT induce vomiting unless instructed by medical personal. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

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

May cause eye irritation

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

Treat symptomatically.

**Section 5 – Fire-Fighting Measures****Extinguishing media:**

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

*Unsuitable extinguishing media:* Not available.

**Special hazards arising from the substance or mixture:** None known.

**Flammability classification:** Not flammable by OSHA/WHMIS criteria.

**Hazardous combustion products:** Carbon oxides

## Section 5 – Fire-Fighting Measures (Continued)

### **Special protective equipment and precautions for firefighters:**

**Protective equipment for fire-fighters:** Firefighters should wear proper protective equipment (Bunker gear) and self-contained breathing apparatus with full face operated in positive pressure mode.

## Section 6 – Accidental Release Measures

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

All persons dealing with the clean-up should wear appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up.

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

If possible, prevention measures should be taken to stop any chemical from entering the ground water system. Ventilate the area. Scoop up material and place into suitable container(s). Dispose of according to local, state and federal regulations.

## Section 7 – Handling and Storage

### **Precautions for safe handling:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear eye/face protection. Adequate ventilation should be supplied. Avoid prolonged contact with skin, eyes and clothing. Keep away from heat. Keep container tightly closed.

### **Conditions for safe storage:**

Store in cool, dry and well-ventilated place. Containers should be clearly identified, clear of obstructions and accessible only to authorized personnel. Have appropriate fire extinguishers/sprinkler system in place. Spill clean-up equipment should be in or near storage area.

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

## Section 8 – Exposure Controls/Personal Protection

### **Exposure limits:**

Chemical Name	ACGIH-TLV	OSHA-PEL
Surfactant, blend	Not Available	Not Available

## Section 8 – Exposure Controls/Personal Protection (Continued)

### **Exposure controls:**

**Ventilation and Engineering Measures:** Use in well-ventilated area. Apply technical measures to comply with occupational exposure limits if needed.

**Respiratory Measures:** If airborne concentrations are above the permissible exposure limit, use NIOSH approved respirators.

**Skin Protection:** Wear protective gloves when prolonged exposure to product is possible. Where extensive exposure to the product is possible, use resistant apron/suit and boots.

**Eye/Face Protection:** Goggles or safety glasses with side shields.

**Other Protective Equipment:** Ensure that eyewash stations and a safety shower are close to the workstation(s).

**General Hygiene Considerations:** Avoid prolonged contact with eyes, skin and clothing. Do not eat or drink when using this product. Wash hands after handling. Remove and wash all contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

## Section 9 – Physical and Chemical Properties

**Appearance:** Clear light purple liquid.

**Odor:** Mild

**Odor threshold:** Not available

**pH:** 11.0 – 13.0

**Melting/Freezing pointing:** ~ -3C (26.6F)

**Boiling point and boiling range:** >100C (212F)

**Flash point:** >93.3C (199.4F)

**Evaporation point (Butyl Acetate=1):** Not available.

**Flammability (method determination):** Not available.

**Lower flammability limit (% by vol.):** Not available.

**Upper flammability limit (% by vol.):** Not available.

**Vapor pressure:** Not available.

**Vapor density:** Not available.

**Relative density:** 1.00 – 1.05

**Solubility in water:** Complete.

**Partition Coefficient (n-octanol/water):** Not available.

**Viscosity:** Not available.

**Other physical/chemical comments:** No addition information.

## Section 10 – Stability and Reactivity

**Reactivity:** Not normally reactive.

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

**Possibility of hazardous reactions:** Hazardous polymerization does not occur.

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

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

**Hazardous decomposition products:** Carbon oxides.

## Section 11 – Toxicological Information

**Information on routes of exposure:**

**Routes of entry - Inhalation:** YES

**Routes of entry - Skin & Eye:** YES

**Routes of entry - Ingestion:** YES

**Routes of entry - Skin Absorption:** YES

### **Potential Health Effects:**

**Signs and symptoms of short term exposure:**

*Signs and symptoms:* Inhalation – May cause respiratory irritation.

*Signs and symptoms:* Ingestion – Ingestion may cause gastrointestinal irritation.

*Signs and symptoms:* Skin – Unlikely to cause irritation.

*Signs and symptoms:* Eyes – May cause irritation

**Potential Chronic Health Effects:** None known.

**Mutagenicity:** Not hazardous by OSHA/WHMIS criteria.

**Carcinogenicity:** No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

**Reproductive effects:** Not hazardous by OSHA/WHMIS criteria.

**Sensitization to material:** No data available to indicate product may be a sensitizer.

## Section 11 – Toxicological Information (Continued)

**Specific target organ effects:** Not Available.

**Medical conditions aggravated by overexposure:** Pre-existing skin and eye conditions.

**Toxicological data:** The calculated ATE value for this mixture is well above classification parameters.

Chemical Name	LD50-Oral	Dermal
Surfactant, blend	Not Available	Not Available

## Section 12 – Ecological Information

**Ecotoxicity:** This product itself has not been tested.

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

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

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

**Other adverse environmental effects:** None Known.

## Section 13 – Disposal Information

**Handling for disposal:** Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

**Methods of disposal:** Dispose in accordance with all applicable federal, state, provincial and local regulation. Contact your federal, state, provincial and local authorities for specific rules.

## Section 14 – Transportation Information

**US 49 CFR/DOT. Ground Transportation**

NOT DOT REGULATED

## Section 15 – Regulatory Information

**US Federal Information:**

**TSCA:** All listed ingredients appear on the Toxic Substances Control Act.

**US CERCLA Reportable quantity (RQ):** None

**SARA Title III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355:**

No extremely hazardous substances are present in this material.

## Section 15 – Regulatory Information (Continued)

### **SARA Title III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes:**

None known

### **SARA Title III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372:**

No components are present in this material.

### **State Regulations:**

**California Proposition 65:** This product does not contain a chemical known to the State of California to cause, birth defects or other reproductive harm.

### **International Information:**

**Canadian Environmental Protection Act (CEPA) information:** All ingredients listed appear on the Domestic Substances List (DSL).

## Section 16 – Other Information



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

**Registration Number: 156496**

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



### **HMIS – Hazardous Materials Identification System**

Health - 1      Flammability - 0      Physical Hazard - 0      PPE – B

### **NFPA – National Fire Protection Association**

Health - 1      Flammability - 0      Reactivity - 0

### **Abbreviations legend:**

**ACGIH:** American Conference of Governmental Industrial Hygienist

**CAS:** Chemical Abstract Services

**CERCLA:** Comprehensive Environmental Response, Compensation, and Liability Act of 1980

**CFR:** Code of Federal Regulations

**CSA:** Canadian Standards Association

**DOT:** Department of Transportation

## **Section 16 – Other Information (Continued)**

**ECOTOX:** U.S. EPA Ecotoxicology Database  
**EPA:** Environmental Protection Agency  
**HSDB:** Hazardous Substances Database  
**IARC:** International Agency for Research on Cancer  
**IBC:** Intermediate Bulk Container  
**IUCLID:** International Uniform Chemical Information Database  
**LC:** Lethal Concentration  
**LD:** Lethal Dose  
**NIOSH:** National Institute of Occupational Safety and Health  
**NTP:** National Toxicology Program  
**OECD:** Organization for Economic Cooperation and Development  
**PEL:** Permissible Exposure Limit  
**RCRA:** Resource Conservation and Recovery Act  
**RTECS:** Registry of Toxic Effects of Chemical Substances  
**SARA:** Superfund Amendments and Reauthorization Act  
**SDS:** Safety Data Sheet  
**STEL:** Short Term Exposure Limit  
**TDG:** Canadian Transportation of Dangerous Goods Act & Regulations  
**TLV:** Threshold Limit Values  
**TWA:** Time Weighted Average  
**WHMIS:** Workplace Hazardous Materials Identification System

### **Disclaimer**

The information continued herein is based on the manufactures' own study and the work of others, implied, as to the accuracy, completeness or adequacy of the information contained herein, and neither the provider nor the manufacturer (nor the agents, directors, officers, contractors or employees of either) are liable to any party for any damages of any nature, including direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of any information in this SDS, or in any other way related (directly or indirectly) to this SDS. The information provided on this SDS 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 guide for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any other process.

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