

## BONDLESE Release Agent

Bondline Products Corporation

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# MATERIAL SAFETY DATA SHEET

MSDS #: BP-104

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### SECTION I - PRODUCT IDENTIFICATION

Identity: **Bondlese Release agent Detergent**

**Finished**

**Bondline Products Corporation**  
**Telephone Number: 623-882-2104**

### SECTION II - HAZARDS IDENTIFICATION

**Potential Health Hazards (Acute and Chronic):** (See Section 11 for more information)

Ingestion: Ingestion may cause transient gastrointestinal irritation.

Eye Contact: May cause mild, transient irritation.

Skin: Transient irritation with prolonged exposure to concentrated material.

Inhalation: N/A

**Signs and Symptoms of Exposure:**

Ingestion: May result in nausea, vomiting, and/or diarrhea.

Eye Contact: May cause stinging, tearing, itching, swelling, and/or redness.

Skin: Prolonged contact with concentrated material may be drying or transiently irritating to skin.

Inhalation: N/A

**Potential Environmental Effects:** (See Section 12 for more information)

Ingredients listed on the product label are: biodegradable anionic surfactants and **no phosphate.**

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200. and/or WHMIS under the HPA:

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition</u> <u>Range</u>	<u>LD50/LC50</u>
Ethyl alcohol	Ethanol	64-17-5	0.1-1%	LD50(oral, rat) – 7.06 g/kg
Alcohol Ethoxysulfate, sodium salt	Sodium Laureth Sulfate	68585-34-2	7-13% total anionic surfactant	LD50 (oral, rat) - >2g/kg
Alcohol Sulfates, sodium salt	Sodium Lauryl Sulfate	68585-47-7		LD50 (oral, rat) - >2g/kg

Amines, C10-16 alkyldimethyl, N- oxides	Alkyl Dimethyl Amine Oxide	70592-80-2	1-5%	LD50 (oral, rat) - 1.33 g/kg
These substances are listed because in their pure bulk form they meet the OSHA and/or WHMIS definition of hazardous. Any hazards associated with this finished product are listed in Section II of this MSDS.				

**SECTION IV – FIRST AID INFORMATION**

**First Aid Procedures:**  
 Ingestion: Drink 1 or 2 glasses of water.  
 Eye Contact: Flush thoroughly with water for 15 minutes.  
 Skin: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes. If symptoms persist or recur, seek medical attention.  
 Inhalation: N/A

**SECTION V - FIRE FIGHTING INFORMATION**

**Flammable Properties:** The liquid hand dishwashing detergents have a flashpoint of 115-135°F (46.1-57.2°C) Pensky-Martens (Closed cup). However, the detergents do **not** sustain combustion according to ASTM D4206.

**Flammable Properties:**  
 Upper Flammable Limit: N/A  
 Lower Flammable Limit: N/A

**Explosive Limits:** UEL: N/A LEL: N/A

**Auto-ignition Temperature:** N/A

**Hazardous Combustion Products:** N/A

**Explosion Data (Sensitivity to Mechanical Impact):** N/A  
**Explosion Data (Sensitivity to Static Discharge):** N/A

**Extinguishing Media:**  
 Suitable: CO<sub>2</sub>, water or dry chemical may be used.  
 Unsuitable: N/A

**Protection of Firefighters:**  
 Specific Hazards Arising from the Material: None.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** None

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Solutions of the detergents may be allowed to be flushed down sewer - First check with your local water treatment plant. Recycling is recommended for undiluted scrap product. Do not landfill. **Steps To Be Taken in Case Material is Released or Spilled:** Prevent spills from reaching a waterway. Sorbents may be used. Read “Waste Disposal Method” below for further information.

**SECTION VII – HANDLING AND STORAGE**

**Precautions To Be Taken in Handling:** No special precautions necessary.  
**Precautions To Be Taken in Storage:** No special precautions necessary.

**SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Recommended Exposure Guidelines:** N/A

**Engineering Controls:** N/A

**Personal Protective Equipment (PPE):** *Industrial Setting:* For splash protection, use chemical goggles. Eye wash fountain is recommended.

**Skin Protection:** .

*Industrial Setting:* Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

**Respiratory Protection:** No special precautions for casual exposure. Ventilation *Local Exhaust:*

*Industrial (General):* Normal/general dilution ventilation is acceptable. *Other:* None

**Appearance (color, physical form, shape):** Clear, opaque or colored liquids.

**Odor:** Perfumed

**Odor Threshold:** N/A

**Physical State:** Liquid hand dishwashing solution

**Vapor Pressure (mm Hg):** N/K

**Vapor Density (Air=1):** N/K

**Boiling Point:** N/K

**Partition Coefficient (n-octanol/water):** N/K

**Volatile Organic Compound (VOC):** Not applicable - Product not regulated for VOC Content at State or Federal level

**Flash Point (Method Used):** 115-135°F (46.1-57.2°C) Pinsky-Martens (Closed cup) but do **not** sustain combustion according to ASTM D4206.

**Reserve Alkalinity:** N/A

**Solubility in Water:** Complete

**Decomposition Temperature:** N/K

**Evaporation Rate (nBuOAc=1):** N/K

**Specific Gravity/Density:** ca. 1

**Melting/Freezing Point:** ~ 30 °F (-1.1°C)

**pH (10% solution):** 9

#### SECTION X - STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** None known

**Incompatible Materials:** None

**Hazardous Decomposition Products:** None known

**Possibility of Hazardous Reactions:** None known

#### SECTION XI - TOXICOLOGICAL INFORMATION

Detergents have a relatively low order of toxicity, may cause transient irritation and are expected to be emetic.

**Chronic Effects:** No chronic health effects reported.

**Target Organs:** No target organs reported.

**Carcinogenicity:** This finished product is not carcinogenic. **NTP:** No **IARC:** No **OSHA:** No

#### SECTION XII - ECOLOGICAL INFORMATION

All surfactants are readily biodegradable.

**SECTION XIII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method: DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS**

*Non Household Setting:* Products covered by this MSDS, in their original form, when disposed as waste, are considered **non hazardous waste** according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is recommended for undiluted scrap product. Do not landfill.

California Hazardous Waste: Not hazardous, in accordance with 22 CCR 66261.20 through 22 CCR 66261.24

*Household Use:* Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

**SECTION XIV - TRANSPORT INFORMATION**

Products covered by this MSDS, in their original form, are not regulated for transportation.

**Ground Transport (US DOT):** Not regulated

**Air Transport (IATA):** Not regulated

**Marine/Water Transport (IMDG):** Not regulated

**SECTION XV - REGULATORY INFORMATION**

**United States**

All intentionally-added components of this product are listed on the US TSCA Inventory.

This product is not subject to warning labeling under California Proposition 65.

EPA Reg. No.: Not Applicable

**This product contains the following SARA 313/302/304/311/312 chemicals:**

None

**This product contains the following CERCLA chemicals:**

Chemical Name	CAS Number	Max Range in Product (%)
Ethanol	64-17-5	1.0%

**State Right-to-Know:**

The following ingredients present in the finished product are listed on state right-to-know lists or state worker exposure lists: None

Ingredient	CAS #	Max Level	State				
			IL	MA	NJ	PA	RI
Ethanol	64-17-5	1.0%	X	X	X	X	X

## SECTION XVI - OTHER INFORMATION

\*N/A. - Not Applicable

\*N/K. - Not Known

Data supplied is for use only in connection with occupational safety and health.

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bondline Products Corporation to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all- inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Bondline Products Corporation assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

