

Ship 2 Shore Bulk Thixotropic

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Ship 2 Shore Bulk Thixotropic			
Product use : Corrosion Inhibitor / Penetrant / Lubricant for Marine Environments – for Non-ferrous or Ferrous as well as dissimilar metals / wherever there is excessive moisture			
Manufacturers Name: Ship 2 Shore			
Street Address: P.O. Box 48205			
City: Victoria	Province: BC	Postal Code: V8Z 7H6	Emergency Telephone: 1-800-430-1533

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Component	% by weight	CAS Number
Base Stock	70-80	72623-85-9 72623.83.7
Hydrocarbon Solvent	5-20	8008-20-6 8052-41-3
Proprietary Additive Mixture		

SECTION 3 — HAZARDS IDENTIFICATION

<p>Skin Contact – Essentially non-irritating, LD50 absorption for skin is 2000 mg/kg. Prolonged or repeated contact with skin has been a cause of defatting or dermatitis in normal day to day handling of material.</p> <p>Eye Contact – Essentially non-irritating, however, vapors and/or mists can cause mild to moderate irritation.</p> <p>Inhalation – Non-toxic LC50 = 5000ppm (rat inhalation). Can cause irritation to nose, throat and upper respiratory tract during prolonged exposure. Exercise caution if vapors are hot. If over exposure occurs – may cause dizziness, headaches or nausea. *Based on toxicity of components.</p> <p>Ingestion – Virtually Non-toxic LD 50 1400mg/kg (rat oral). Maybe harmful or fatal if swallowed. Can cause severe irritation of the mouth, throat and esophagus. Can cause nausea, vomiting or gastrointestinal upset. May cause diarrhea. Based on toxicity of Petroleum Distillate only.</p> <p>Carcinogenicity – Non-carcinogenic as listed by: ACGIH, IARC MONOGRAPHS, or OSHA (based on toxicity reports of component parts)</p>
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SECTION 4 — FIRST AID MEASURES

SKIN CONTACT: Wash with plenty of soap and water. Remove contaminated clothing and launder before reuse.

EYE CONTACT: Flush eyes with plenty of water. Check for and remove any contact lenses. Seek medical attention if irritation develops.

Inhalation – Evacuate to fresh air. Apply CPR if required. If resuscitation is required, assessment by a physician is mandatory.

Ingestion – DO NOT induce vomiting! If vomiting occurs, take care to prevent aspiration. Seek medical attention.

SECTION 5 — FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA: No information available.

SPECIFIC HAZARDS DURING FIREFIGHTING: Cool closed containers exposed to fire with water spray.

COMBUSTION PRODUCTS: Oxides of carbon, dense smoke and possibly toxic fumes.

PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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SECTION 6 — ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protection recommended in Section 8. Minimize skin contact.

ENVIRONMENTAL PRECAUTIONS: Do not allow uncontrolled discharge of product into the environment.

METHOD FOR CONTAINMENT AND CLEAN-UP: Ventilate the area with fresh air. If in confined space or limited air circulation area, clean-up workers should wear appropriate respiratory protection. Stop leak if without risk. Move containers from spill area. Shovel into suitable properly marked container for disposal or reclamation in accordance with local regulations.

SECTION 7 — HANDLING AND STORAGE

HANDLING PROCEDURES: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Avoid contact with skin, eyes and clothing. Keep container away from heat, sparks, and open flame. Keep container closed when not in use.

STORAGE PROCEDURE: Store in a cool dry area out of direct sunlight. Containers should be tightly closed while in storage. Store separated from acids and oxidizing materials. Store away from sparks and open flame.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS: Contains no substances with occupational exposure limit values.

ENGINEERING MEASURES: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: In case of insufficient ventilation, use suitable respiratory equipment.

EYE PROTECTION: Wear safety goggles.

SKIN AND BODY PROTECTION: Wear safety shoes and protective gloves.

PROTECTIVE MEASURES: Wash contaminated clothing before re-use.

HYGIENE MEASURES: Remove and wash contaminated clothing and gloves. Ensure the eyewash stations and safety showers are close to the Workstation location.

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SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State :	Thixotropic
Colour :	Red
Odour :	Fresh Scent
Odour Threshold :	No data
Available	
Specific Gravity @15.6°C :	0.908
pH :	No data
Available	
Viscosity @40°C, cSt :	N/A
Flash Point (COC), °C :	No data
Available	
Fire Point, °C :	No data
Available	
Pour Point, °C:	No data
Available	
Auto- Ignition Temperature:	No data
Available	
Vapor Pressure@ ambient temp: 25°C	8mm Hg at
Boiling Point, °C:	No data
Available	
Evaporation Rate:	<1
Water Solubility:	Slightly emulsifiable
Partition coefficient (n-octanol/water):	No data
	Available

SECTION 10 — STABILITY AND REACTIVITY

REACTIVITY : No reactivity is expected under normal conditions of intended use.

CHEMICAL STABILITY : Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS : Hazardous polymerization does not occur.

CONDITIONS TO AVOID: Extreme temperature and direct sunlight / heat /flame.

INCOMPATIBLE MATERIALS : Strong oxidizing agent.

HAZARDOUS DECOMPOSITION PRODUCTS : Hazardous decomposition is not expected to form under normal conditions of Storage.

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SECTION 11 — TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ACUTE ORAL TOXICITY : No data available
 ACUTE DERMAL TOXICITY : No data available
 ACUTE INHALATION TOXICITY : No data available

IRRITATION / CORROSION

SKIN : No data available
 RESPIRATORY : No data available
 EYES : No data available

SENSITIZATION

SKIN : No data available
 RESPIRATORY : No data available
 CARCINOGENICITY : No data available
 REPRODUCTIVE TOXICITY : No data available
 ASPIRATION HAZARD : No data available

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICITY

TOXICITY TO FISH : No data available
 TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES : No data available
 TOXICITY TO ALGAE : No data available
 TOXICITY TO BACTERIA : No data available

PRODUCT

BIODEGRADABILITY : No data available
 BIOACCUMULATIVE POTENTIAL : No data available
 MOBILITY IN SOIL : No data available
 OTHER ADVERSE EFFECTS : Not known significant effects or critical hazards.

SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: All disposal activities must comply with local, federal and state environmental control regulations. Do not dispose in to environment, in drain or in river, ponds, water reservoirs and soil.

SECTION 14 — TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION

TDG : Not Regulated as dangerous good	DOT : Not Regulated as dangerous good
IATA-DGR : Not Regulated as dangerous good	IMDG-CODE : Not Regulated as dangerous good

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SECTION 15 — REGULATORY INFORMATION

TSCA: All chemical substance in this product are either listed on the TSCA Inventory or are in compliance with a

TSCA Inventory.

DSL: On the inventory, or in compliance with the inventory.

IECSC: On the inventory, or in compliance with the inventory.

JAPAN INVENTORY: Not determined.

AUSTRALIA INVENTORY: Not determined.

SECTION 16 — OTHER INFORMATION

	NAPA
HEALTH	1
FIRE	1
REACTIVITY	0
SPECIFIC	None

Ratings range from 0 (No Hazard) to 4 (Severe Hazard)

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PREPARED BY: OPERATIONS

SUPERSEDES: NONE

REVISION DATE: JAN 2018