

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FUEL STABILIZER INJ. CLEANER, 24X6OZ
PRODUCT CODE: 92010.

HMIS CODES: H F R P
2 2 0 B

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Bardahl Mfg. Corp.
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P.O. BOX 70607
Seattle, Wa 98127-0607

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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 5 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE (mm Hg @ TEMP), WEIGHT PERCENT. Rows include Petroleum Distillate, LIGHT AROMATIC SOLVENT NAPHTHA, ALKARYLAMINE, Dipropylene glycol monomethyl ether, Polyolefin alkyl phenol alkyl amine, \* 1,2,4-TRIMETHYLBENZENE, \* XYLENE, \* Cumene.

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
DOT PROPER SHIPPING NAME: NOT REGULATED, DOT HAZARD CLASS: NOT APPLICABLE, IMO CLASS: NOT APPLICABLE, UN #: NONE

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: N/A SPECIFIC GRAVITY (H2O=1): .86
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: Slower then Ether.
SOLUBILITY IN WATER: NOT SOLUBLE
APPEARANCE AND ODOR: Liquid, amber color with solvent odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 155 F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a UPPER: n/a
EXTINGUISHING MEDIA: Foam, Alcohol foam, CO2, Dry chemical, Water fog.

SPECIAL FIREFIGHTING PROCEDURES
DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT; INCLUDING NIOSH OR SIMILAR APPROVED SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS
COOL FIRE EXPOSED CONTAINERS WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND TO SOURCES OF IGNITION. KEEP SOURCES OF IGNITION AWAY FROM PRODUCT HANDLING AREA.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

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## CONDITIONS TO AVOID

Strong oxidizing conditions.

## INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG OXIDIZING AGENTS

## HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Incomplete combustion can produce carbon monoxide, unidentified hydrocarbons and other harmful products.

## HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## ===== SECTION VI - HEALTH HAZARD DATA =====

### INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

OVEREXPOSURE TO VAPORS CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION AND NARCOSIS.

### SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EXPOSURE OVER PROLONGED PERIODS MAY CAUSE SKIN IRRITATION. EYE CONTACT CAN CAUSE EYE IRRITATION.

### SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PRODUCT IS NOT EXPECTED TO BE ABSORBED THROUGH THE SKIN.

### INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION AND SUBSEQUENT VOMITING MAY RESULT IN PNEUMONITIS IF PETROLEUM DISTILLATE IS ASPIRATED INTO THE LUNGS.

INGESTION WILL IRRITATE THROAT AND GASTROINTESTINAL AREA. PRODUCT IS NOT EXPECTED TO BE ACUTELY TOXIC BY INGESTION

### HEALTH HAZARDS (ACUTE AND CHRONIC)

INGESTION: IRRITATION OF THROAT AND GASTROINTESTINAL AREA, EYES: MAY CAUSE EYE IRRITATION, SKIN: PROLONGED EXPOSURE MAY CAUSE DERMATITIS, INHALATION: HIGH CONCENTRATIONS MAY CAUSE HEADACHE, DIZZINESS, FATIGUE, NAUSEA AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

**CARCINOGENICITY:** NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED:  
No

No data is available to indicate any components present at >0.1% may present a carcinogenic hazard.

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

PERSONS WITH RESPIRATORY AILMENTS MAY BE AFFECTED

### EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH EYES WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN IF EYE IRRITATION SYMPTOMS PERSIST AFTER FLUSHING. SKIN: WASH AFFECTED SKIN WITH SOAP AND WATER. INGESTION: CONSULT PHYSICIAN IMMEDIATELY, DO NOT INDUCE VOMITING. INHALATION: REMOVE PERSON TO FRESH AIR AND VENTILATE AREA, CONSULT A PHYSICIAN. AVOID BREATHING VAPORS OR MISTS.

## ===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

TRANSFER BULK MATERIAL INTO ANOTHER CONTAINER. ABSORB REMAINING RESIDUE WITH PROPER ABSORBENTS SUCH AS SAND, EARTH OR VERMICULITE. SWEEP UP AND DISPOSE OF AS SOLID WASTE IN ACCORDANCE TO LOCAL, STATE, AND FEDERAL REGULATIONS.

### WASTE DISPOSAL METHOD

NORMAL PROCEDURES FOR PETROLEUM PRODUCTS, WHICH ARE IN ACCORD WITH LOCAL, STATE AND FEDERAL REGULATIONS.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

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PETROLEUM PRODUCTS PRESENT; KEEP CLEAN AND DRY; DO NOT STORE NEAR SOURCES OF IGNITION. DO NOT LEAVE PARTIAL DRUMS OR CONTAINERS OPEN.

## OTHER PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

## ===== SECTION VIII - CONTROL MEASURES =====

### RESPIRATORY PROTECTION

USE NIOSH/MSHA APPROVED FULL FACE RESPIRATOR WITH A COMBINATION ORGANIC VAPOR/DUST & MIST CARTRIDGE IF RECOMMENDED LIMIT IS EXCEEDED. USE SELF-CONTAINED APPARATUS TO ENTER CONFINED SPACE IN EVENT OF LARGE SPILL.

### VENTILATION

MECHANICAL VENTILATION REQUIRED IN ENCLOSED AREAS.

### PROTECTIVE GLOVES

CHEMICAL AND SOLVENT RESISTANT GLOVES RECOMMENDED. (VITON, TEFLON, POLYVINYL ALCOHOL)

### EYE PROTECTION

Safety goggles or faceshield as required.

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT

WEAR CHEMICALLY RESISTANT BOOT AND APRON. REMOVE RINGS, WATCHES AND SIMILAR APPAREL TO AVOID TRAPPING LIQUID NEXT TO SKIN.

### WORK/HYGIENIC PRACTICES

WASH HANDS THOROUGHLY BEFORE EATING OR SMOKING.

## ===== SECTION IX - DISCLAIMER =====

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