

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard.
29CFR 1910 1200 Standard must be consulted for specific regulations.

JARFACTANT 225 DK

Quick Identifier
Common Name (Used on Label and List)

SECTION I - GENERAL INFORMATION

Manufacturer's Name	-	JARCHEM INDUSTRIES, INC.	
Address	-	414 Wilson Avenue Newark, NJ 07105	
Emergency Telephone #	-	(973) 344-0600	Secondary Telephone No.: CHEMTREC
Other Information Calls	-	(973) 344-0600	(800) 424-9300
			24 Hour a Day
Date Prepared	-	9/1/2009 Revised: 1/31/2011	

SECTION II - COMPOSITION / INFORMATION ON INGREDIENTS

PRODUCT NAME: JARFACTANT 225 DK

SYNONYMS: Alkyl Polyglycoside

CHEMICAL NAME: Alkyl Polyglycoside CAS# 68515-73-1

See sections on Exposure Guidelines and Regulatory Classifications.

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Irritating liquid.

<u>HAZARDS RATINGS</u>	<u>NFPA</u>	<u>HMIS</u>
HEALTH	2	2
FLAMMABILITY	1	1
REACTIVITY	0	0

HEALTH HAZARD: May cause serious eye irritation.

FIRE OR EXPLOSION: Not applicable.

SPILL PRECAUTIONS: Not applicable.

POTENTIAL HEALTH EFFECTS: Not toxic.

EYES: May cause serious eye irritation.

SKIN: Not expected to be irritating.

INHALATION: No information available.

INGESTION: Not considered toxic.

(See section for Toxicological Information)

SECTION IV - FIRST AID MEASURES

EYES: Rinse thoroughly with water for at least 15 minutes. Do not rub eyes as mechanical abrasion could result. Consult a physician.

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific regulations.

JARFACIANI 225

Quick Identifier

Common Name (Used on Label and List)

SKIN: Wash off thoroughly with soap and water. Consult a physician.

INHALATION: Move person to fresh air. If not breathing, provide artificial respiration. Consult a physician.

INGESTION: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION V- FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT / METHOD: > 200°F / Pensky-Martens

AUTO IGNITION TEMPERATURE: Not determined.

FLAMMABLE LIMITS IN AIR % BY VOLUME: LOWER: Not applicable UPPER: Not applicable

FIRE AND EXPLOSION HAZARD: Emits carbon monoxide and carbon dioxide.

EXTINGUISHING MEDIA: Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus.

SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

SMALL SPILLS: Use personal protective equipment. Ensure adequate ventilation. Contain spill. Vacuum up or soak up with inert material and shovel to appropriate container.

LARGE SPILLS: Use personal protective equipment. Ensure adequate ventilation. Contain spill. Vacuum up or soak up with inert material and shovel to appropriate container.

SPILL PRECAUTIONS: As above.

SECTION VII – HANDLING AND STORAGE

USUAL SHIPPING CONTAINERS: Poly drums, poly totes.

STORAGE / TRANSPORT TEMPERATURE: Ambient.

STORAGE / TRANSPORT PRESSURE: Ambient.

LOAD / UNLOAD TEMPERATURE: Ambient.

STORAGE AND HANDLING MATERIALS: In original containers. Keep containers tightly closed.

BULK STORAGE TANKS: Not applicable.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

ENGINEERING CONTROLS: Ensure good area ventilation.

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard,
29CFR 1910. 1200. Standard must be consulted for specific regulations.

JARFACTANT 225 DK

Quick Identifier

Common Name (Used on Label and List)

PERSONAL PROTECTIVE EQUIPMENT:

EYES: Wear safety glasses or goggles.

SKIN: Wear protective clothing suitable for work conditions.

RESPIRATORY PROTECTION: Where risk assessment shows air-purifying respirators are appropriate use full-face respirators with multi-purpose combination respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face air supplied respirator.

EXPOSURE GUIDELINES:

OSHA – Not established, PEL – Not established, ACGIH – Not established TWA, TLV – Not established

CARCINOGENICITY

IARC – No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

ACIGH - No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

NTP - No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

OSHA - No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

SECTION IX - PHYSICAL & CHEMICAL CHARACTERISTICS

APPEARANCE: Brown viscous liquid
ODOR: Characteristic
PHYSICAL STATE: Liquid
VAPOR PRESSURE (mm Hg): Not determined
VAPOR DENSITY (AIR=1): Not determined
VISCOSITY: Not determined
BOILING POINT: 100°C, 212°F
MELTING POINT: Not applicable
SPECIFIC GRAVITY (H₂O=1): 1.1
SOLUBILITY IN WATER: Not determined

SECTION X – STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Contact with oxidizers, bases and strong acids.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizers, bases, strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

EYES: Severe eye irritation/Draize test

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific regulations

JARFACTANT 225

Quick Identifier
Common Name (Used on Label and List)

SKIN: Slightly irritating/Draize test

INHALATION: Not determined.

INGESTION: LD 50 > 5,000 mg/kg

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Acute fish toxicity – LC 50 >100 mg/l ISO73462.

CHEMICAL FATE INFORMATION: Not determined.

SECTION XIII – DISPOSAL CONSIDERATIONS

SPECIAL INSTRUCTIONS: In accordance with all applicable regulations it is recommended that any waste material be dissolved or mixed with a combustible solvent and burned in a chemical incinerator equipped with an afterburner and scrubber.

SECTION XIV – TRANSIT INFORMATION

DOT DESCRIPTION: Not applicable.

IMDG DESCRIPTION: Not. Applicable.

ICAO / IATA DESCRIPTION: Not applicable.

SECTION XV – REGULATORY INFORMATION

US FEDERAL REGULATIONS

OSHA HAZARD COMMUNICATION STANDARD CLASSIFICATION: Acute health hazard.

TSCA INVENTORY LISTING: This material is on the TSCA inventory.

COMPONENT: Alkylpolyglycoside CAS# 68515-73-1

SARA 302 STATUS: Not applicable

COMPONENT:	CAS#	MAX. Wt. %
------------	------	------------

SARA 311/312 CLASSIFICATION: Acute Health Hazard

SARA 313 CHEMICALS: Not applicable.

COMPONENT	CAS#	MAX. Wt. %
-----------	------	------------

CANADIAN DOMESTIC SUBSTANCE LIST (DSL) INVENTORY LISTING: This material is on the DSL list.

CALIFORNIA SAFE DRINKING WATER ACT (PROP 65) LISTING: This material is not on the Prop 65 list.

SECTION XVI – OTHER INFORMATION

THE INFORMATION PRESENTED HEREIN IS BELIEVED TO BE FACTUAL AS IT HAS BEEN DERIVED FROM THE WORKS AND OPINIONS OF PERSONS BELIEVED TO BE QUALIFIED EXPERTS; HOWEVER, NOTHING CONTAINED IN THIS INFORMATION IS TO BE TAKEN AS A WARRANTY OR REPRESENTATION FOR WHICH JARCHEM IND., INC. BEARS LEGAL RESPONSIBILITY. THE USER SHOULD REVIEW ANY RECOMMENDATION IN THE SPECIFIC CONTEXT OF THE INTENDED USE TO DETERMINE WHETHER THEY ARE APPROPRIATE.