UPD 6701

Old # U6702
UPD6702
liquid lubricant

MATERIAL SAFETY DATA SHEET

Pack Logix, Inc.
5700 West Douglas Avenue
Milwaukee, WI 53218

GENERAL INFORMATION NUMBER: (414) 464-7200

REVISION DATE: December 9, 2005
DATE OF ISSUE: January 27, 2014

I - Product Identification

Surfactant

PRODUCT CODE: 0395
CHEMICAL FORMULATION: Non-ionic wetting agent
NFPA HAZARD IDENTIFICATION SYSTEM: **HEALTH:** 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR: 302	355	372	CAS #
Poly (oxyethylene) nonylphenol	15.0-25.0	N/E	N/E	N	N	N	9016-45-9

Key: **PEL**: Permissible Exposure Limit **TLV:** Threshold Limit Value **C**: Ceiling level **STEL**: Short Term Exposure Limit
N/A: Not Applicable **N/D**: Not Determined **N/E**: Not Established **Y**: Yes **N**: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR = 1): N/D
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY (WATER = 1): 1.01
VOC CONTENT (% by weight): N/D
EVAPORATION RATE (WATER = 1): N/D
pH: 6.5-7.5
APPEARANCE AND ODOR: Viscous, clear green liquid; mild detergent odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): None **(TEST METHOD):** Closed cup
FLAMMABLE LIMITS IN AIR (VOLUME %) **UPPER:** N/A **LOWER:** N/A
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: None.

V - Reactivity Data

STABILITY: Stable
INCOMPATIBILITY: None
CONDITIONS TO AVOID: None
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None

VI - Health Hazard Data

ROUTES OF ENTRY INHALATION: **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None.
EFFECTS OF OVEREXPOSURE
IF IN EYES: Mild irritation.
IF ON SKIN: Possible mild irritation, with prolonged or repeated exposure.
IF SWALLOWED: Possible gastrointestinal irritation, nausea, cramps, vomiting.
IF INHALED: None under normal use.
EMERGENCY AND FIRST AID PROCEDURES
IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.
IF ON SKIN: Wash with soap and water. If irritation persists, obtain medical attention.
IF SWALLOWED: Contact physician or poison control center immediately. Give affected person several glasses of water and induce vomiting. Never give anything to an unconscious person.
IF INHALED: Remove person to fresh air.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spill. Soak up spilled material with inert absorbent material or flush away with water.
WASTE DISPOSAL METHOD: Consult local environmental authorities for disposal in accordance with state and local regulations.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Not required under normal use.
VENTILATION **LOCAL:** Recommended **MECHANICAL:** Not required
PROTECTIVE GLOVES: Chemical resistant.
EYE PROTECTION: Safety glasses.
OTHER PROTECTIVE EQUIPMENT: None.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place. Keep container tightly closed when not in use.
OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: None
DOT CLASS: None **DOT ID NUMBER:** None **DOT PACKING GROUP**: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

REVISION DATE: December 9, 2005 Prepared by: Technical Dept. DATE OF ISSUE: January 27, 2014

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