

COMPANY IDENTITY: Packaging Service Co., Inc.  
PRODUCT IDENTITY: Crown Lacquer Retarder  
SDS NUMBER: CRLRT1

DATE: 02/07/12  
PAGE: 1 OF 8

## SAFETY DATA SHEET

This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System.

THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this SDS before handling & disposing of this product.  
Pass this information on to employees, customers, & users of this product.

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTITY: Crown Lacquer Retarder  
REVISION DATE: 02/07/2012 SUPERCEDES: 11/11/2008  
COMPANY IDENTITY: Packaging Service Co., Inc.  
COMPANY ADDRESS: 1904 Mykawa Road / P O Box 875  
PEARLAND, TX 77581  
COMPANY CITY: Pearland, TX 77581  
COMPANY PHONE: 1-281-485-1458  
EMERGENCY PHONES: CHEMTREC: 1-800-424-9300 (USA)  
CANUTEC: 1-613-996-6666 (CANADA)

### SECTION 2. HAZARDS IDENTIFICATION

**DANGER!!**

EXPOSURE PREVENTION: STRICT HYGIENE!  
AVOID EXPOSURE OF (PREGNANT) WOMEN!



#### RISK STATEMENTS:

R12/13 Extremely Flammable! Serious electrostatic hazard!  
R20/22 Harmful by inhalation and if swallowed.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R18 In use, may form flammable/explosive vapor-air mixture.  
R63 Possible risk of harm to the unborn child.  
R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapors may cause drowsiness and dizziness.

#### SAFETY STATEMENTS:

S7/9 Keep container tightly closed and in a well-ventilated place.  
S24/25 Avoid contact with skin and eyes.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S2 Keep out of the reach of children.  
S16 Keep away from sources of ignition. No smoking.  
S23 Do not breathe gas, fumes, vapor, or spray.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S29 Do not empty into drains.  
S33 Take precautionary measures against static discharges.  
S46 If swallowed, seek medical advice immediately, and show this container or label.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.  
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Trace components: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

COMPANY IDENTITY: Packaging Service Co., Inc.  
PRODUCT IDENTITY: CRLRT1  
SDS NUMBER: CRLRT1

DATE: 02/07/12  
PAGE: 2 OF 8

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	EINECS#	WT %
Ethylene Glycol Butyl Ether	111-76-2	203-905-0	30-40
Propylene Glycol Methyl Ether Acetate	108-65-6	203-603-9	10-20
Toluene	108-88-3	203-625-9	10-20
Light Aliphatic Naphtha	*64742-89-8	-	10-20
Acetone	67-64-1	200-662-2	5-15
Isopropanol	67-63-0	200-661-7	0- 5

### SECTION 4. FIRST AID MEASURES

#### EYE CONTACT:

If this product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing is for 15 minutes. Seek immediate medical attention.

#### SKIN CONTACT:

If the product contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove contaminated clothing, taking care not to contaminate eyes. If skin becomes irritated and irritation persists, medical attention may be necessary. Wash contaminated clothing before reuse, discard contaminated shoes.

#### INHALATION:

After high vapor exposure, remove to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR). Seek immediate medical attention. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

#### SWALLOWING:

If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

#### NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (such as: Gastric lavage after endotracheal intubation).

### SECTION 5. FIRE FIGHTING MEASURES

#### FIRE & EXPLOSION PREVENTIVE MEASURES

NO open flames, NO sparks, & NO smoking. Above flash point, use a closed system, ventilation, explosion-proof electrical equipment, lighting. Do NOT use compressed air for filling, discharging, or handling.

#### EXTINGUISHING MEDIA

Use dry powder, AFFF, alcohol-resistant foam, water spray, water in large amounts, carbon dioxide.

COMPANY IDENTITY: Packaging Service Co., Inc.  
PRODUCT IDENTITY: CRLRT1  
SDS NUMBER: CRLRT1

DATE: 02/07/12  
PAGE: 3 OF 8

## SECTION 5. FIRE FIGHTING MEASURES (CONTINUED)

### SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.  
Do not enter confined fire-space without full bunker gear.  
(Helmet with face shield, bunker coats, gloves & rubber boots).  
Use NIOSH approved positive-pressure self-contained breathing apparatus.

### UNUSUAL EXPLOSION AND FIRE PROCEDURES

EXTREMELY FLAMMABLE!! VAPORS CAN CAUSE FLASH FIRE  
Isolate from oxidizers, heat, sparks, electric equipment & open flame.  
Closed containers may explode if exposed to extreme heat.  
Applying to hot surfaces requires special precautions.  
Empty container very hazardous! Continue all label precautions!

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

### PERSONAL PROTECTIVE EQUIPMENT

The proper personal protective equipment for incidental releases (such as: 1 Liter of the product released in a well-ventilated area), use impermeable gloves (triple-gloves (rubber gloves and nitrile gloves, over latex gloves), goggles, face shield, and appropriate body protection. In the event of a large release, use impermeable gloves, specific for the material handled, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, select NIOSH/MSHA approved based on actual or potential airborne concentrations in accordance with latest OSHA and/or ANSI recommendations.

### ENVIRONMENTAL PRECAUTIONS:

Stop spill at source. Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material. Close or cap valves and/or block or plug hole in leaking container and transfer to another container. Keep from entering storm sewers and ditches which lead to waterways, and if necessary, call the local fire or police department for immediate emergency assistance.

### CONTAINMENT AND CLEAN-UP MEASURES:

Absorb spilled liquid with polypads or other suitable absorbent materials. If necessary, neutralize using suitable buffering material, (acid with soda ash or base with phosphoric acid), and test area with litmus paper to confirm neutralization. Clean up with non-combustible absorbent (such as: sand, soil, and so on). Shovel up and place all spill residue in suitable containers. dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal (see Section 13 - Disposal Considerations).

## SECTION 7. HANDLING AND STORAGE

### HANDLING

Isolate from oxidizers, heat, sparks, electric equipment & open flame.  
Use only with adequate ventilation. Avoid breathing of vapor or spray mist.  
Do not get in eyes, on skin or clothing. Wear OSHA Standard goggles or face shield.  
Consult Safety Equipment Supplier. Wear goggles, face shield, gloves, apron & footwear impervious to material. Wash clothing before reuse.  
Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, saw, drill, braze, or weld. Empty container very hazardous! Continue all label precautions!  
To minimize static discharge when transferring, ensure electrical continuity by bonding and grounding all equipment. Use an inlet line diameter of at least 3.5 inches (8.9 centimeters) with a maximum flow rate of 1 meter/second.

#### STORAGE

Vapors may ignite explosively & spread long distances. Prevent vapor buildup. Put out pilot lights & turn off heaters, electric equipment & other ignition sources during use & until all vapors are gone. Keep in fireproof surroundings. Keep separated from strong oxidants. Keep cool. Keep dry. Do not store above 49 C/120 F. Keep container tightly closed & upright when not in use to prevent leakage.

COMPANY IDENTITY: Packaging Service Co., Inc.  
PRODUCT IDENTITY: CRLRT1  
SDS NUMBER: CRLRT1

DATE: 02/07/12  
PAGE: 4 OF 8

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

MATERIAL	CAS#	EINECS#	TWA (OSHA)	TLV (ACGIH)
Ethylene Glycol Butyl Ether	111-76-2	203-905-0	50 ppm S	20 ppm S
Propylene Glycol Methyl Ether Acetate	108-65-6	203-603-9	None Known	100 ppm
Toluene	108-88-3	203-625-9	200 ppm	50 ppm A4
Light Aliphatic Naphtha	*64742-89-8	-	500 ppm	300 ppm
Acetone	67-64-1	200-662-2	1000 ppm	500 ppm A4
Isopropanol	67-63-0	200-661-7	400 ppm	200 ppm A4

MATERIAL	CAS#	EINECS#	CEILING	STEL (OSHA/ACGIH)	HAP
Toluene	108-88-3	203-625-9	None Known	None Known	Yes
Light Aliphatic Naphtha	*64742-89-8	-	None Known	5.3E3 ppm	No
Acetone	67-64-1	200-662-2	None Known	750 ppm	No
Isopropanol	67-63-0	200-661-7	None Known	400 ppm	No

In addition, using manufacturers' data, based on EPA Method 311, the following EPA Hazardous Air Pollutants may be present in trace amounts (less than 0.1%): Benzene, Mixed Xylenes, Ethylbenzene

#### RESPIRATORY EXPOSURE CONTROLS

Seek professional advice prior to respirator selection and use. Maintain airborne contaminant concentrations below exposure limits given above. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134, European Standard EN 149, or applicable State regulations. If adequate ventilation is not available or there is potential for airborne exposure above the exposure limits, a respirator may be worn up to the respirator exposure limitations, check with respirator equipment manufacturer's recommendations/limitations. For a higher level of protection, use positive pressure supplied air respiration protection or Self-Contained Breathing Apparatus or if oxygen levels are below 19.5% or are unknown.

#### EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS OR IDLH CONDITIONS

Positive pressure, full-face piece Self-Contained Breathing Apparatus; or positive pressure, full-face piece Self-Contained Breathing Apparatus with an auxilliary positive pressure Self-Contained Breathing Apparatus.

#### VENTILATION

LOCAL EXHAUST: Necessary  
SPECIAL: None  
MECHANICAL (GENERAL): Necessary  
OTHER: None  
Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

#### EYE PROTECTION:

Splash goggles or safety glasses. Face-shields are recommended when the operation can generate splashes, sprays or mists.

#### HAND PROTECTION:

Wear appropriate impervious gloves for routine industrial use. Use impervious gloves for spill response, as stated in Section 6 of this SDS (Accidental Release Measures).  
NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

#### BODY PROTECTION:

Use body protection appropriate for task. Cover-all, rubber aprons, or chemical protective clothing made from impervious materials are generally acceptable, depending on the task.

#### WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

COMPANY IDENTITY: Packaging Service Co., Inc.  
PRODUCT IDENTITY: CRLRT1  
SDS NUMBER: CRLRT1

DATE: 02/07/12  
PAGE: 5 OF 8

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Liquid, Water-White
ODOR:	Ketone
ODOR THRESHOLD:	Not Available
pH (Neutrality):	Not Applicable
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP,50%,Dry Point):	67 130 172 C / 153 267 342 F
FLASH POINT (TEST METHOD):	-16 C / 2 F (TCC)
EVAPORATION RATE (n-BUTYL ACETATE=1):	0.288
FLAMMABILITY CLASSIFICATION:	Class I B
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	1.5
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	52.9
VAPOR DENSITY (air=1):	3.3
GRAVITY @ 68/68 F / 20/20 C:	
SPECIFIC GRAVITY (Water=1):	0.859
POUNDS/GALLON:	7.155
WATER SOLUBILITY:	Appreciable
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	290 C / 555 F
DECOMPOSITION TEMPERATURE:	Not Available
REFRACTIVE INDEX:	1.415
VOC'S (>0.44 Lbs/Sq In) :	46.5 Vol% / 399.1 g/L / 3.3 Lbs/Gal
TOTAL VOC'S (TVOC)*:	100.0 Vol% / 859.0 g/L / 7.1 Lbs/Gal
NONEXEMPT VOC'S (CVOC)*:	85.0 Vol% / 740.2 g/L / 6.1 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	15.2 Wt% / 130.5 g/L / 1.0 Lbs/Gal
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	10.6

\* Using California South Coast Air Quality Management District (SCAQMD) Rule 1143.

## SECTION 10. STABILITY & REACTIVITY

### STABILITY

Stable under normal conditions.

### CONDITIONS TO AVOID

Isolate from oxidizers, heat, sparks, electric equipment & open flame.

### MATERIALS TO AVOID

Reacts violently with strong oxidants, causing fire & explosion hazard.  
Attacks many plastics, coatings.

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide from burning.

### HAZARDOUS POLYMERIZATION

Will not occur.

COMPANY IDENTITY: Packaging Service Co., Inc.  
PRODUCT IDENTITY: CRLRT1  
SDS NUMBER: CRLRT1

DATE: 02/07/12  
PAGE: 6 OF 8

## SECTION 11. TOXICOLOGICAL INFORMATION

### ACUTE HAZARDS

#### EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis. Absorption thru skin increases exposure. Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

#### INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful. Breathing vapor can cause irritation. Acute overexposure can cause harm to kidneys, blood, nerves, liver, lungs. Use of alcoholic beverages enhances the harmful effect.

#### SWALLOWING:

Harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea. The symptoms of chemical pneumonitis may not show up for a few days.

### SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

#### CONDITIONS AGGRAVATED

Chronic overexposure can cause harm to kidneys, blood, nerves, liver, lungs. Persons with severe skin, liver or kidney problems should avoid use.

### CHRONIC HAZARDS

#### CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

Pregnant women should avoid use. May cause birth defects. Liver tumors have been reported in laboratory mice. Leukemia been reported in humans from Benzene. This product contains less than 59 ppm of Benzene. Not considered hazardous in such low concentrations. Absorption thru skin may be harmful. Studies with laboratory animals indicate this product can cause damage to fetus. Product may contain impurities which may alter toxic properties. Depending on degree of exposure, periodic medical examination is indicated.

IRRITANCY OF PRODUCT: This product is irritating to contaminated tissue.

SENSITIZATION TO THE PRODUCT: No component of this product is known to be a sensitizer.

MUTAGENICITY: This product is not reported to produce mutagenic effects in humans.

EMBRYOTOXICITY: This product is not reported to produce embryotoxic effects in humans.

TERATOGENICITY: This product is not reported to produce teratogenic effects in humans.

REPRODUCTIVE TOXICITY: This product is not reported to cause reproductive effects in humans.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (such as: within the eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

### MAMMALIAN TOXICITY INFORMATION

MATERIAL	CAS#	EINECS#	LOWEST KNOWN LETHAL DOSE DATA
Ethylene Glycol Butyl Ether	111-76-2	203-905-0	LOWEST KNOWN LD50 (ORAL) 320.0 mg/kg(Rabbits)
Ethylene Glycol Butyl Ether	111-76-2	203-905-0	LOWEST KNOWN LC50 (VAPORS) 700 ppm (Mice)
Ethylene Glycol Butyl Ether	111-76-2	203-905-0	LOWEST KNOWN LD50 (SKIN) 440.0 mg/kg (Rabbits)

COMPANY IDENTITY: Packaging Service Co., Inc.  
PRODUCT IDENTITY: CRLRT1  
SDS NUMBER: CRLRT1

DATE: 02/07/12  
PAGE: 7 OF 8

## SECTION 12. ECOLOGICAL INFORMATION

### AQUATIC ANIMAL INFORMATION:

The most sensitive known aquatic group to any component of this product is:  
Chub 1000 ppm or mg/L (24 hour exposure). Keep out of sewers and natural water supplies.  
The substance is toxic to aquatic organisms.

### MOBILITY IN SOIL

This material is a mobile liquid.

### DEGRADABILITY

This product is partially biodegradable.

### ACCUMULATION

This product does not accumulate or biomagnify in the environment.

## SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste management options.  
Recycle / dispose of observing national, regional, state, provincial and local  
health, safety & pollution laws. If in doubt, contact appropriate agencies.

## SECTION 14. TRANSPORT INFORMATION

IF > 6582 LB / 2991 KG OF THIS PRODUCT IS IN 1 CONTAINER, IT EXCEEDS THE "RQ" OF TOLUENE.

DOT SHIPPING NAME: RQ, UN1263, Paint Related Material, 3, PG-II  
DRUM LABEL: (FLAMMABLE LIQUID)  
IATA / ICAO: UN1263, Paint Related Material, 3, PG-II  
IMO / IMDG: UN1263, Paint Related Material, 3, PG-II  
EMERGENCY RESPONSE GUIDEBOOK NUMBER: 128



## SECTION 15. REGULATORY INFORMATION

### EPA REGULATION:

SARA SECTION 311/312 HAZARDS: Acute Health, Chronic Health, Fire

All components of this product are on the TSCA list.

### SARA Title III Section 313 Supplier Notification

This product contains the indicated <\*> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

SARA TITLE III INGREDIENTS	CAS#	EINECS#	WT%	(REG. SECTION)	RQ(LBS)
*Ethylene Glycol Butyl Ether	111-76-2	203-905-0	30-40	(313)	None
*Toluene	108-88-3	203-625-9	10-20	(311,312,313,RCRA)	1000
Acetone	67-64-1	200-662-2	5-15	(311,312)	5000

COMPANY IDENTITY: Packaging Service Co., Inc.  
PRODUCT IDENTITY: CRLRT1  
SDS NUMBER: CRLRT1

DATE: 02/07/12  
PAGE: 8 OF 8

#### SECTION 15. REGULATORY INFORMATION (CONTINUED)

IF > 6582 LB / 2991 KG OF THIS PRODUCT IS IN 1 CONTAINER, IT EXCEEDS THE "RQ" OF TOLUENE. Any release equal to or exceeding the RQ must be reported to the National Response Center (800-424-8802) and appropriate state and local regulatory agencies as described in 40 CFR 302.6 and 40 CFR 355.40 respectively. Failure to report may result in substantial civil and criminal penalties. State & local regulations may be more restrictive than federal regulations.

#### STATE REGULATIONS:

THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS

CALIFORNIA PROPOSITION 65: This product contains the following chemical known to the State of California to cause reproductive toxicity: Toluene

#### INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:  
Australia (AICS), Canada (DSL, NDSL), China (IECSC), Europe (EINECS, ELINCS), Japan (METI/CSCL, MHLW/ISHL), South Korea (KECI), New Zealand (NZIoC), Philippines (PICCS), Switzerland (SWISS), Taiwan (NECSI), USA (TSCA).

#### CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

B2: Flammable Liquid.  
D2B: Irritating to skin / eyes.

#### SECTION 16. OTHER INFORMATION

#### HAZARD RATINGS:

HEALTH (NFPA): 2, HEALTH (HMIS): 2, FLAMMABILITY: 3, REACTIVITY: 0  
(Personal Protection Rating to be supplied by user based on use conditions.)  
This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

#### EMPLOYEE TRAINING

See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

#### NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

Unless updated, the Safety Data Sheet is valid until 02/07/2015.