

# Safety Data Sheet

## TRIACOOOL EGX 35%

### SECTION 1. MATERIAL AND COMPANY IDENTIFICATION

**PRODUCT NAME:** TRIACOOOL EGX 35%

**VERSION:** MAY 2017

**MANUFACTURER:** PACIFIC FUNCTIONAL FLUIDS, LLC  
2244 PORT OF TACOMA ROAD  
TACOMA, WA 98421-3607

**CUSTOMER SERVICE:** 253-284-4302 / 888-586-7295

**24 HOUR EMERGENCY CONTACT:** CHEMTREC: 1- 800-424-9300

### SECTION 2. HAZARDS IDENTIFICATION

THIS PRODUCT IS A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.



**WARNING! HARMFUL OR FATAL IF SWALLOWED (ORAL)**

#### POTENTIAL HEALTH EFFECTS:

**INGESTION:** INGESTION OF 3 OZ. OF ETHYLENE GLYCOL HAS CAUSED DEATH IN HUMANS. ORAL TOXICITY IS EXPECTED TO BE MODERATE IN HUMANS DUE TO ETHYLENE GLYCOL EVEN THOUGH TESTS WITH ANIMALS SHOW A LOWER DEGREE OF TOXICITY. MAY CAUSE NAUSEA AND VOMITING. MAY CAUSE ABDOMINAL DISCOMFORT AND DIARRHEA. EXCESSIVE EXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, CARDIOPULMONARY EFFECTS AND KIDNEY FAILURE.

**EYE:** MAY CAUSE EYE IRRITATION. VAPOR OR MIST MAY CAUSE EYE IRRITATION.

**SKIN:** BRIEF CONTACT IS NON-IRRITATING. PROLONGED OR REPEATED EXPOSURE IS LIKELY TO CAUSE SKIN IRRITATION. ADVERSE EFFECTS ARE NOT EXPECTED FROM BRIEF CONTACT.

**SKIN ABSORPTION:** BRIEF CONTACT UNLIKELY TO RESULT IN ABSORPTION OF HARMFUL AMOUNTS. REPEATED SKIN EXPOSURE TO LARGE AMOUNTS MAY RESULT IN ABSORPTION OF HARMFUL AMOUNTS. MASSIVE CONTACT WITH DAMAGED SKIN OR OF MATERIAL SUFFICIENTLY HOT TO BURN SKIN MAY RESULT IN ABSORPTION POTENTIALLY LETHAL AMOUNTS

**INHALATION:** A SINGLE BRIEF (MINUTES) INHALATION EXPOSURE IS NOT LIKELY TO CAUSE ADVERSE EFFECTS. VAPORS OR MIST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT (NOSE AND THROAT), AND MAY CAUSE HEADACHES AND NAUSEA.

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**ASPIRATION HAZARD:** COULD NOT BE DETERMINED.

**REPEATED EXPOSURE:** OBSERVATIONS IN HUMANS INCLUDE RAPID EYE MOVEMENT. ANIMAL STUDIES HAVE SHOWN EFFECTS TO THE KIDNEY AND LIVER.

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT NAME	CAS #	CONCENTRATION
ETHYLENE GLYCOL	107-21-1	>30.0%
DIPOTASIAM PHOSPHATE	7758-11--4	< 5.0%
WATER	7732-18-5	< 70.0%
PROPRIETARY ADDITIVES		< 0.5%

### SECTION 4. FIRST AID MEASURES

**EYE:** IRRIGATE WITH FLOWING WATER IMMEDIATELY AND CONTINUOUSLY FOR SEVERAL MINUTES. REMOVE CONTACT LENSES AFTER INITIAL 1-2 MINUTES OF FLUSHING, THEN CONTINUE TO FLUSH FOR SEVERAL MINUTES. CONSULT MEDICAL PERSONNEL IF IRRITATION PERSISTS.

**SKIN:** REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND WATER FOR SEVERAL MINUTES. CONSULT MEDICAL PERSONNEL IF IRRITATION PERSISTS.

**INGESTION:** DO NOT INDUCE VOMITING. **CALL POISON CENTER IMMEDIATELY. GET MEDICAL ATTENTION IMMEDIATELY.** RINSE MOUTH. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. **NOTE TO PHYSICIAN: IMMEDIATE ATTENTION IS REQUIRED.** USE OF ETHANOL MAY BE HELPFUL TO COUNTER THE TOXIC EFFECTS OF ETHYLENE GLYCOL BY INTERFERING WITH THE ABSORPTION RATE IN THE STOMACH AND INTESTINE. THIS PRODUCT IS A CNS DEPRESSANT.

**INHALATION:** IF IRRITATION, NAUSEA, DROWSINESS OR HEADACHES OCCUR, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, OXYGEN SHOULD BE ADMINISTERED BY QUALIFIED MEDICAL PERSONNEL. CALL A PHYSICIAN OR TRANSPORT TO A MEDICAL FACILITY IF CONDITIONS PERSIST.

### SECTION 5. FIREFIGHTING MEASURES

**EXTINGUISHING MEDIA:** TO EXTINGUISH COMBUSTIBLE RESIDUES OF THIS PRODUCT USE WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, OR ALCOHOL RESISTANT FOAM (ATC TYPE).

**FIREFIGHTING INSTRUCTIONS:** EVACUATE AREA AND KEEP PEOPLE AWAY. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND FIRE AFFECTED ZONE UNTIL FIRE IS OUT AND DANGER OF REIGNITING HAS PASSED. TO EXTINGUISH COMBUSTIBLE RESIDUES OF THIS PRODUCT USE WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, OR FOAM. DO NOT USE DIRECT WATER SPRAY AS IT MAY SPREAD FIRE.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:** WEAR POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS (SCBA) AND PROTECTIVE FIRE FIGHTING CLOTHING (INCLUDES FIRE FIGHTING HELMET, COAT, TROUSERS, BOOTS, AND GLOVES). IF PROTECTIVE EQUIPMENT IS NOT AVAILABLE OR NOT USED, FIGHT FIRE FROM A PROTECTED LOCATION OR SAFE DISTANCE.

**HAZARDOUS COMBUSTION PRODUCTS:** COMBUSTION MAY YIELD SMOKE WHICH MAY CONTAIN UNIDENTIFIED TOXIC AND/OR IRRITATING COMPOUNDS, CARBON MONOXIDE, AND CARBON DIOXIDE. PRODUCT WILL BURN. RESIDUE CAN BURN.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING THE AREA. USE APPROPRIATE SAFETY EQUIPMENT. FOR ADDITIONAL INFORMATION, REFER TO SECTION 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.

**ENVIRONMENTAL PRECAUTIONS:** STOP SPILL/RELEASE IF IT CAN BE DONE SAFELY. PREVENT SPILLED MATERIAL FROM ENTERING SOIL, SEWERS, STORM DRAINS, OTHER UNAUTHORIZED DRAINAGE SYSTEMS AND NATURAL WATERWAYS. USE WATER SPARINGLY TO MINIMIZE ENVIRONMENTAL CONTAMINATION AND REDUCE DISPOSAL REQUIREMENTS. SEE SECTION 12, ECOLOGICAL INFORMATION.

**METHODS FOR CONTAINMENT AND CLEAN UP:** FOR LARGE SPILLS/RELEASES, NOTIFY RELEVANT AUTHORITIES IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. IMMEDIATE CLEAN UP OF ANY SPILL IS RECOMMENDED. DIKE FAR AHEAD OF SPILL FOR LATER RECOVERY OR DISPOSAL. ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND, VERMICULITE OR KITTY LITTER AND PLACE IN SUITABLE CONTAINER FOR DISPOSAL. SEE SECTION 13 DISPOSAL CONSIDERATIONS FOR ADDITIONAL INFORMATION.

### SECTION 7. HANDLING AND STORAGE

**SAFE HANDLING:** KEEP AWAY FROM FLAMES, SPARKS, AND HOT SURFACES. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES. ALL EQUIPMENT USED WHEN HANDLING PRODUCT MUST BE GROUNDED. WASH THOROUGHLY AFTER HANDLING. USE GOOD PERSONAL HYGIENE PRACTICES AND WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

SPILLS WILL PRODUCE EXTREMELY SLIPPERY SURFACES. DISPOSE OF CONTAMINATED CLOTHING OR SHOES.

**STORAGE:** DO NOT STORE IN GALVANIZED STEEL, OPENED OR UNLABELED CONTAINERS. STORE IN CARBON STEEL, STAINLESS STEEL OR ORIGINAL CONTAINERS. KEEP CONTAINER(S) TIGHTLY CLOSED AND PROPERLY LABELED. USE AND STORE THIS MATERIAL IN COOL, DRY, WELL-VENTILATED AREA AWAY FROM HEAT AND ALL SOURCES OF IGNITION. STORE ONLY IN APPROVED CONTAINERS. KEEP AWAY FROM ANY INCOMPATIBLE MATERIAL. PROTECT CONTAINER(S) AGAINST PHYSICAL DAMAGE.

“EMPTY” CONTAINERS RETAIN RESIDUE AND MAY BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION. ALL EMPTY CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENTAL REGULATIONS.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE LIMITS:

COMPONENT	LIST	TYPE	VALUE
ETHYLENE GLYCOL	ACGIH	CEILING AEROSOL	100mg/m <sup>3</sup>

**ENGINEERING CONTROLS:** GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST OPERATIONS. IF CURRENT VENTILATION PRACTICES ARE NOT ADEQUATE TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW THE ESTABLISHED EXPOSURE LIMITS, ADDITIONAL ENGINEERING CONTROLS MAY BE REQUIRED TO MAINTAIN AIRBORNE LEVELS BELOW EXPOSURE LIMIT REQUIREMENTS OR GUIDELINES.

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### PERSONAL PROTECTIVE EQUIPMENT:

**EYE/FACE PROTECTION:** USE SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL GOGGLES. USE OF FACE SHIELD IS RECOMMENDED.

**SKIN PROTECTION:** WEAR CLEAN BODY-COVERING CHEMICAL RESISTANT CLOTHING.

**HAND PROTECTION:** USE CHEMICALLY RESISTANT GLOVES. PREFERRED GLOVE MATERIALS EXAMPLES ARE: BUTYL RUBBER, LATEX, NEOPRENE, NITRILE, POLYETHYLENE AND PVC. WORKPLACE FACTORS, SUCH AS OTHER CHEMICALS HANDLED, SHOULD ALSO BE TAKEN INTO CONSIDERATION WHEN DETERMINING HAND PROTECTION.

**RESPIRATORY PROTECTION:** WHERE THERE IS POTENTIAL FOR AIRBORNE EXPOSURE ABOVE THE EXPOSURE LIMIT A NIOSH CERTIFIED AIR PURIFYING RESPIRATOR EQUIPPED WITH ORGANIC VAPOR CARTRIDGE AND PARTICULATE PRE-FILTER MAY BE USED.

A RESPIRATORY PROTECTION PROGRAM THAT MEETS OR EXCEEDS OSHA STANDARDS SHOULD BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE. AIR PURIFYING RESPIRATORS PROVIDE LIMITED PROTECTION AND CANNOT BE USED IN ATMOSPHERES THAT EXCEED THE MAXIMUM USE CONCENTRATION (AS DIRECTED BY REGULATION OR THE MANUFACTURER'S INSTRUCTIONS), IN OXYGEN DEFICIENT SITUATIONS OR UNDER CONDITIONS THAT ARE IMMEDIATELY DANGEROUS TO LIFE AND HEALTH (IDLH).

**INGESTION:** USE GOOD PERSONAL HYGIENE. **DO NOT** CONSUME OR STORE FOOD IN THE WORK AREA. WASH HANDS BEFORE SMOKING OR EATING.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE/PHYSICAL STATE:</b>	<b>CLEAR LIQUID</b>
<b>ODOR:</b>	<b>MILD/CHARACTERISTIC</b>
<b>ODOR THRESHOLD:</b>	<b>NO TEST DATA AVAILABLE</b>
<b>PH:</b>	<b>~9.5</b>
<b>FREEZING POINT:</b>	<b>-18°C (0°F)</b>
<b>VAPOR PRESSURE:</b>	<b>2.0 mmHg @ 20°C</b>
<b>VAPOR DENSITY (air = 1):</b>	<b>&gt;1.0</b>
<b>BOILING POINT (760 mmHg):</b>	<b>108°C (225°F)</b>
<b>FLASH POINT (Closed Cup):</b>	<b>126°C (260°F) Pensky-Martens closed cup</b>
<b>EVAPORATION RATE (BUTYL ACETATE = 1)</b>	<b>&lt; 0.5 Estimated</b>
<b>FLAMMABLE LIMITS IN AIR</b>	<b>LOWER: 3.2% (V) ETHYLENE GLYCOL Vapor</b>
	<b>UPPER: Not Determined</b>
<b>SOLUBILITY IN WATER (by weight):</b>	<b>100%</b>
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b>	<b>1.00 - 1.10</b>
<b>AUTO IGNITION TEMPERATURE:</b>	<b>427°C (801°F) ETHYLENE GLYCOL</b>
<b>DECOMPOSITION TEMPERATURE:</b>	<b>NO TEST DATA AVAILABLE</b>
<b>KINEMATIC VISCOSITY:</b>	<b>12.2 CST @20°C</b>

## SECTION 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** STABLE UNDER NORMAL AMBIENT AND ANTICIPATED CONDITIONS OF USE.

**REACTIVITY:** NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.

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**CONDITIONS TO AVOID:** EXTENDED EXPOSURE TO HIGH TEMPERATURES CAN CAUSE DECOMPOSITION. AVOID ALL POSSIBLE SOURCES OF IGNITION. GENERATION OF GAS DURING DECOMPOSITION CAN CAUSE PRESSURE IN CLOSED SYSTEMS.

**MATERIALS TO AVOID:** AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG BASES.

**HAZARDOUS DECOMPOSITION PRODUCTS:** NOT ANTICIPATED UNDER NORMAL CONDITIONS OF USE. BURNING PRODUCES TOXIC FUMES AND CARBON OXIDES.

**HAZARD POLYMERIZATION:** WILL NOT OCCUR.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

**INGESTION: ETHYLENE GLYCOL;** HARMFUL OR FATAL IF SWALLOWED IN HUMANS. LD50, RAT > 8,200 mg/kg

**DERMAL: ETHYLENE GLYCOL;** LD50, RABBIT >2,000 mg/kg

**EYE/DAMAGE OR IRRITATION:** MAY CAUSE SLIGHT TEMPORARY EYE IRRITATION. CORNEAL INJURY UNLIKELY.

**SKIN IRRITATION/CORROSION:** PROLONGED CONTACT IS ESSENTIALLY NON-IRRITATING TO SKIN. REPEATED CONTACT MAY CAUSE FLAKING AND SOFTENING OF SKIN.

**INHALATION: ETHYLENE GLYCOL;** LC50, 6H, AEROSOL, RAT, MALE AND FEMALE >2.5 mg/l

#### SENSITIZATION

**SKIN: ETHYLENE GLYCOL;** NOT EXPECTED TO BE A SKIN SENSITIZER.

**RESPIRATORY:** NO RELEVANT INFORMATION FOUND.

**REPEATED DOSE TOXICITY:** REPEATED EXCESSIVE EXPOSURE TO ETHYLENE GLYCOL MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS AND RAPID EYE MOVEMENT. IN ANIMALS KIDNEY AND LIVER EFFECTS HAVE BEEN REPORTED.

**CHRONIC TOXICITY AND CARCINOGENICITY:** SIMILAR FORMULATIONS DID NOT CAUSE CANCER IN LABORATORY ANIMALS.

**CHRONIC TOXICITY: ETHYLENE GLYCOL;** DID NOT CAUSE CANCER IN LABORATORY ANIMALS.

**REPRODUCTIVE TOXICITY: ETHYLENE GLYCOL;** INGESTION OF LARGE AMOUNTS HAS SHOWN TO PRODUCE BIRTH DEFECTS IN ANIMALS. INHALATION OR SKIN CONTACT HAVE SHOWN LITTLE OR NO EFFECTS ON FETUSES IN ANIMAL STUDIES.

**GENETIC TOXICOLOGY:** IN VITRO GENETIC TOXICITY STUDIES WERE NEGATIVE. ETHYLENE GLYCOL; ANIMAL GENETIC TOXICITY STUDIES WERE NEGATIVE.

### SECTION 12. ECOLOGICAL INFORMATION

**TOXICITY: ETHYLENE GLYCOL;** MATERIAL IS PRACTICALLY NON-TOXIC TO AQUATIC ORGANISMS ON AN ACUTE BASIS. (LC50/EC50>100mg/L IN THE MOST SENSITIVE SPECIES TESTED)

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**PERSISTENCE AND DEGRADABILITY: ETHYLENE GLYCOL;** MATERIAL IS READILY BIO-DEGRADABLE. PASSES OECD TEST(S) FOR READY BIO-DEGRADABILITY.

**BIO ACCUMULATIVE POTENTIAL: ETHYLENE GLYCOL;** BIO CONCENTRATION POTENTIAL IS LOW (BCF < 100 OR LOG POW < 3)

**MOBILITY IN SOIL: ETHYLENE GLYCOL;** POTENTIAL FOR MOBILITY IN SOIL IS VERY HIGH (K<sub>oc</sub> BETWEEN 0 AND 50).

### SECTION 13. DISPOSAL CONSIDERATIONS

THE GENERATOR OF A WASTE IS ALWAYS RESPONSIBLE FOR MAKING PROPER HAZARDOUS WASTE DETERMINATIONS AND NEEDS TO CONSIDER STATE AND LOCAL REQUIREMENTS IN ADDITION TO FEDERAL REGULATIONS.

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER.

RECYCLE OR DISPOSE OF IN ACCORDANCE WITH PREVAILING REGULATIONS, BY A RECOGNIZED COLLECTOR OR CONTRACTOR. THE COMPETENCE OF THE CONTRACTOR TO DEAL SATISFACTORILY WITH THIS TYPE OF PRODUCT SHOULD BE ESTABLISHED BEFOREHAND.

RECYCLE OR DISPOSE OF THE CONTAINER IN ACCORDANCE WITH THE LEGISLATION IN FORCE WITH A RECOGNIZED COLLECTOR OR CONTRACTOR.

### SECTION 14. TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, NOS.

**TECHNICAL NAME:** ETHYLENE GLYCOL

**HAZARD CLASS:** 9

**ID NUMBER:** UN 3082

**PACKING GROUP:** PG III

**REPORTABLE QUANTITY (RQ):** 5,000 LBS.

(RQ BASED ON PURE ETHYLENE GLYCOL)

**ERG:** 171

**IMDG:** NOT REGULATED

**ICAO/IATA:** NOT REGULATED

### SECTION 15. REGULATORY INFORMATION

#### OSHA HAZARD COMMUNICATION STANDARD

THIS PRODUCT IS A "HAZARDOUS CHEMICAL" AS DEFINED BY OSHA HAZARD COMMUNICATION STANDARD.

#### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT / TITLE III (EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW) SECTIONS 311 AND 312

IMMEDIATE (ACUTE) HEALTH HAZARD:	YES
DELAYED (CHRONIC) HEALTH HAZARD:	YES
FIRE HAZARD:	NO
REACTIVE HAZARD:	NO
SUDDEN RELEASE OF PRESSURE:	NO

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT / TITLE III (EMERGENCY PLANNING AND COMMUNITY RIGHT TO NOW ACT) SECTION 313:** TO THE BEST OF OUR KNOWLEDGE, THIS PRODUCT DOES CONTAIN THE FOLLOWING CHEMICALS AT LEVELS WHICH REQUIRE REPORTING UNDER THIS STATUE.

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<u>COMPONENT</u>	<u>CAS#</u>	<u>AMOUNT</u>
ETHYLENE GLYCOL	107-21-1	> 30.0%

**PENNSYLVANIA (WORKER AND COMMUNITY RIGHT TO KNOW ACT): PENNSYLVANIA HAZARDOUS SUBSTANCES LIST AND/OR PENNSYLVANIA ENVIRONMENTAL HAZARDOUS SUBSTANCE LIST:** THE FOLLOWING PRODUCT COMPONENTS ARE CITED IN THE PENNSYLVANIA HAZARDOUS SUBSTANCES LIST AND/OR THE PENNSYLVANIA ENVIRONMENTAL SUBSTANCE LIST AND ARE PRESENT AT LEVELS WHICH REQUIRE REPORTING.

**CALIFORNIA PROPOSITION 65 (SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT):** THIS PRODUCT CONTAINS NO LISTED SUBSTANCE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM, AT LEVELS WHICH WOULD REQUIRE A WARNING UNDER THE STATUTE.

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** ALL COMPONENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY OR ARE EXEMPT FROM TSCA INVENTORY REQUIREMENTS UNDER 40 CFR 720.30.

**CEPA – DOMESTIC SUBSTANCES LIST (DSL):** ALL SUBSTANCES CONTAINED IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

### SECTION 16. OTHER INFORMATION

#### HAZARD RATING SYSTEM

<u>HAZARD RATING SYSTEM</u>	<u>HEALTH</u>	<u>FIRE</u>	<u>REACTIVITY</u>
NFPA	1	1	0

#### RECOMMENDED USES AND RESTRICTIONS:

INTENDED AS A HEAT TRANSFER FLUID FOR NON-EVAPORATED CLOSED-LOOP SYSTEMS. WE RECOMMEND THAT YOU USE THIS PRODUCT IN A MANNER CONSISTENT WITH THE LISTED USE. DO NOT USE IF THERE IS THE POSSIBILITY OF INCIDENTAL CONTACT TO FOOD AND/OR POTABLE WATER.

THE INFORMATION PROVIDED IN THIS SAFETY DATA SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION. THE INFORMATION GIVEN IS DESIGNED ONLY AS GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. THE INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS, UNLESS SPECIFIED IN THE TEXT.

REGULATORY REQUIREMENTS ARE SUBJECT TO CHANGE AND MAY DIFFER FROM ONE LOCATION TO ANOTHER. IT IS THE BUYER'S RESPONSIBILITY TO INSURE THAT IT COMPLIES WITH FEDERAL, STATE/PROVINCIAL AND LOCAL LAWS.