OptiSource™
The Optical Supply Resource

40 Saw Grass Drive, Suite 1 Bellport, NY 11713-1564
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MATERIAL SAFETY DATA SHEET

COOLANT

SECTION 1 - PRODUCT IDENTIFICATION

Product Identifier
Coolant
Other means of identification: 99-COOL, 99-COOL2, 99-COOL2Q, 99-COOLQ
Recommended use of chemical: Optical machinery coolant
Restrictions on use: Use only as recommended.
Name of manufacturer: Optisource International
Address: 40 Sawgrass Dr
Bellport, NY 11713
Contact information: Optisource- 631-924-8360
Emergency contact: Chemtrec- 1-703-527-3837

SECTION 2 – Hazard Identification

Not classified as a hazardous material
Signal word: none
Hazards not otherwise classified: none

Section 3- Composition Information

No components of this mixture are considered hazardous under 29CFR.

SECTION 4 - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT:
Direct contact with the liquid or exposure may cause stinging, tearing, redness or swelling.
SKIN CONTACT:
Contact with this material may cause drying of the skin.

SKIN ABSORPTION:

Symptoms of toxicity are not anticipated by this route alone.

INHALATION (BREATHING):

Inhalation of concentrated vapors can cause headache and respiratory fatigue.

INGESTION (SWALLOWING):

While this material has a low degree of toxicity, ingestion of large quantities may cause the following:

Irritation of the digestive tract.

Signs of nervous system depression, such as, headache, drowsiness, dizziness, loss of coordination, fatigue and nausea.

ASPIRATION HAZARD:

Components of this material can enter the lungs during swallowing and cause lung inflammation and damage.

TARGET ORGAN TOXIN:

Central nervous system, respiratory system.

IF YOU FEEL UNWELL:

Seek medical attention if you feel unwell or are concerned.

SECTION 5 – Fire-Fighting Measures

EXTINGUISHING MEDIA:

Extinguish with dry chemical, CO2 or a universal type foam

FIRE AND EXPLOSION HAZARD:

None.

FIRE FIGHTING PROCEDURES:

Wear appropriate protective equipment including respiratory protection as conditions warrant. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame.

SECTION 6 – Accidental Release Measures

PRECAUTIONS IN CASE OF LEAK OR SPILL:

Spilled material may be absorbed by an appropriate absorbent.

WASTE DISPOSAL METHOD:

Dilute aqueous waste may biodegrade. Soil or water should not be designated RCRA hazardous waste. Dispose of in accordance with local, county, state and federal regulations.

SECTION 7 – Handling and Storage

HANDLING AND STORAGE PRECAUTIONS:

Minimum handling temperatures shold be maintained. Keep container tightly closed, with adequate ventilation. Wash thouroughly after using.

STORAGE: Store material in tightly closed containers in a dry, cool room with adequate ventilation. Keep away from sources of ignition as well as oxidizers, acids and alkali.

SECTION 8 – Exposure Controls

OSHA PEL: No published OSHA PEL
APPROPRIATE ENGINEERING CONTROLS:
Ensure adequate ventillation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.
PERSONAL PROTECTION EQUIPMENT
Eye/Face Protection: Safety glasses, chemical type goggles or face shield recommended to prevent eye contact
Skin Protection: Gloves, coveralls apron and boots recommended to minmize contact. Workers should wash exposed skin after handling with soap and water. Soiled work clothing should be laundered or dry-cleaned
Respiratory Protection: Airborne concentrations should be kept at lowest level possible. If vapor, mist or dust is generated use NIOSH approved air purifying or air supplied respirator Air supplied respirators should always be worn when airborne concentrations of contaminants are unknown. Local exhaust ventilation recommended if generating vapor dust or mist.

SECTION 9 - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:
Extinguish with dry chemical, CO_2 or a universal type foam.
FIRE AND EXPLOSION HAZARD:
None.
FIRE FIGHTING PROCEDURES:

SECTION 10 - PHYSICAL DATA

APPROXIMATE BOILING POINT (DEG F):
204
PERCENT VOLATILE:
97
SPECIFIC GRAVITY (68 f):
0.986
FLASH POINT, (TCC, DEG F):
158
RELATIVE EVAPORATION RATE (ESTIMATED):
>1 (nBuOAC=1)
PERCENT SOLUBILITY IN WATER (ESTIMATED):
100
VAPOR PRESSURE @68 F (ESTIMATED):

5 mmHg

SECTION 11 - OTHER REGULATORY DATA

SARA

SECTION 311,312, 313: NO

TSCA

ALL COMPONENTS ARE IN FULL COMPLIANCE WITH THE TSCA INVENTORY.

RCRA

IF THIS MATERIAL BECOMES A WASTE, IT WOULD BE CLASSIFIED AS D001.

CARCINOGENICITY

NOT LISTED UNDER IARC OR NTP.

HMIS

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0

CALIFORNIA PROPOSITION 65

THIS PRODUCT DOES NOT CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

CERCLA

NONE

STABILITY:

Stable

INCOMPATIBILITY (MATERIALS TO AVOID):

This product is incompatible with:

Strong acids or bases, Oxidizing agents, Selected amines

HAZARDOUS DECOMPOSITION PRODUCTS:

Will not occur.

HAZARDOUS POLYMERIZATION:

Will not occur.

PRODUCT: COOLANT
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