



SAFETY DATA SHEET

Section 1: Product and Company Identification

- 1.1 Product name** CataKlear Lipid Clearing Reagent
 - Substance/mixture** mixture
 - CAS #** mixture
 - Kit number** CLR-525
- 1.2 Recommended product use**
 - Mixture's intended use** An aid to clearing lipid from test samples
 - Product restrictions** None known
- 1.3 Details of the supplier of the safety data sheet**
 - Manufacturer information**
 - Corporate Headquarters** Catachem, Inc.
353 Christian Street Oxford, CT 06478
United States of America
www.catacheminc.com
 - Telephone** Phone: +1 (203) 262-0330
 - Email** catachem@catacheminc.com
 - Distributor information**
 - Distributor Headquarters** Nuuchem Diagnostics Ltd.
18 Killuney Rd. Armagh, N. Ireland
United Kingdom
 - Telephone** +44 7778 925522
 - Email** Trevor.templeton@nuuchem.com
- 1.4 Emergency Telephone**
 - Emergency Phone #** +1 (203) 232-1979

Section 2: Hazards Identification

- 2.1 Substance or mixture classification**
 - Physical state** Liquid
 - Appearance** Clear/colorless solution
 - Emergency overview** Health injuries are not known or expected under normal use.
- 2.2 Label Elements**
 - Signal word** None
 - Hazard Pictogram** None
 - Hazardous substances** None
 - OSHA regulatory status** This product is not hazardous according to OSHA 29CFR 1910.1200.
- 2.3 Potential health effects**
 - Routes of exposure** Skin contact. Eye contact.
 - Eyes** May cause eye irritation or serious eye damage.
 - Skin** May cause skin irritation or skin burns.

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|---------------------------|--|
| Inhalation | In high concentrations, vapors may be irritating to the upper respiratory tract leading to chemical pneumonitis and pulmonary edema. |
| Ingestion | If swallowed, may cause discomfort and lead to gastrointestinal tract burns. |
| Target organs | Eyes, lungs and skin. |
| Chronic effects | Repeated skin contact may cause dermatitis. |
| Signs and symptoms | Direct contact with skin and eyes may cause irritation. |

2.4 Potential environmental effects

The product components are not classified as environmentally hazardous. However, this does not eliminate the possibility that large or frequent spills can have a harmful or damaging impact on the environment.

Section 3: Composition / Information on Ingredients

Components:

Contains a buffered mixture of silicone oxides.

Section 4: First Aid Measures

4.1 Description of First aid measures

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| Eye contact | In case of eye contact, immediately flush eyes with fresh water for at least 15 minutes while holding eyelids open. Remove contact lenses immediately if worn by the affected person. Pursue medical treatment if irritation persists. |
| Skin contact | In case of skin contact, remove any or all of contaminated clothing, while rinsing the affected skin with large amounts of water. Pursue medical attention if irritation develops and persists. |
| Inhalation | In case of inhalation, move the affected person to fresh air. Call a physician if symptoms develop or persist. |
| Ingestion | Do NOT induce vomiting. In case of ingestion, make the affected person either drink some water or rinse out their mouth. If any other symptoms persist, contact a medical professional or a poison control center. |
| Notes to physician | Provide general supportive measures and treat symptomatically. |
| General advice | If you feel unwell, seek medical advice. |

4.2 Most important symptoms and effects, both acute and delayed

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| Eye Contact | Causes serious eye damage |
| Skin contact | Causes skin irritation |
| Inhalation | Causes corrosion of the breathing system |
| Ingestion | Causes corrosion of the digestion system |

Section 5: Fire Fighting Measures

5.1 Flammable properties This product is not flammable.

5.2 Extinguishing media

Suitable extinguishing media

Extinguish with water spray, carbon dioxide (CO₂), dry chemical or material appropriate for the surrounding fire.

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| Acute effects | May cause discomfort if swallowed. |
| Local effects | Ingestion may cause irritation and nausea. |
| Chronic effects | No data available. |
| Carcinogenicity | Not classified to carcinogenicity to humans. |
| Epidemiology | No epidemiological data is available for this product. |
| Mutagenicity | Not classified. |
| Reproductive effects | Not classified. |
| Symptoms and target organs | Direct contact with skin and eyes may cause irritation. |
| Additional information | No other specific acute or chronic health impact noted. |

Section 12: Ecological Information

12.1 Toxicity

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| Ecotoxicity | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| Environmental effects | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. |

12.2 Persistence and degradability

No data is available on the degradability of this product.

12.3 Bioaccumulation/Accumulation

No data available.

12.4 Mobility in environmental media

The product is completely soluble in water.

Section 13: Disposal Considerations

13.1 Disposal methods

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| Disposal instructions | Contaminated instruments and surfaces should be disinfected in accordance with your employer's chemical-specific and universal/standard precautions. |
| Waste from residues / unused products | Dispose in accordance with all applicable local and national regulations. Avoid releasing unused products into drainage systems and/or into the environment. |
| Contaminated packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal. |

Section 14: Transport Information

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| DOT | Not regulated as a hazardous material by DOT. |
| IATA | Not regulated as dangerous goods. |
| IMDG | Not regulated as dangerous goods. |
| TDG | Not regulated as dangerous goods. |

Section 15: Regulatory Information

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| US federal regulations | This product is not hazardous according to OSHA 29CFR 1910.1200. |
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TSCA Section 12(b) Export Notification (40 CFR 707, Subpart. D)

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

CERCLA (Superfund) reportable quantity (lb.) (40 CFR 302.4)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance (40 CFR 355, Appendix A) Section 311/312 (40 CFR370) No

Drug Enforcement

Administration (DEA) (21 CFR

1308.11-15) Not controlled

Canadian regulations

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS status

Non-controlled

Inventory status

Country(s) or region Inventory name On inventory (yes/no)*

| | | |
|-----------------------------|--|-----|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Not regulated.

Mexico regulations This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000).

Section 16: Other Information

Recommended restrictions Use in accordance with supplier's recommendations.

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings Health: 0
Flammability: 0
Physical hazard: 0

NFPA ratings Health: 0
Flammability: 0
Instability: 0

Disclaimer The above information is believed to be correct, but does not purport to be all inclusive and should be used only as a guide. Catachem Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.