

SECTION 1: PRODUCT & COMPANY IDENTIFICATION**Product Name:** NanoDissolve[®]**Recommended Use:** Reliquefaction Compound**REACH Registration:** The component in this product has been Registered according to Article 2 REACH Regulation (EC) No. 1907/2008**For General Information:** 1-403-237-8900**Date:** August 6, 2014

HMIS Rating	
Health	1
Fire	1
Reactivity	0
Personal Protection	A

Rating Scale

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

For Chemical Emergency ONLY (spill, leak, fire, exposure or accident), call CANUTEC at 1-613-996-6666

SECTION 2: HAZARD IDENTIFICATION**CLASSIFICATION OF SUBSTANCE OR MIXTURE**

Product definition: Mixture

Classification per Regulation (EC) No 1272/2008 [CLP]: Not classified**LABEL ELEMENTS**

Labeling per Regulation (EC) No 1272/2008 [CLP]

Hazard Symbols: Non allocated

Signal Word: Non allocated

Hazard Statement(s): Non allocated

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CAS#	Chemical Formula
N/A	Proprietary/Trade Secret Claimed

Substances

The identity of this material is a trade secret (29 CFR 1910.1200(i)) and is available to any attending physician, paramedical personnel and/or spill response personnel in the case of an emergency. Proprietary ingredient is non-toxic. There are no additional ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable, classified as hazardous to the health or environment thus do not require reporting in this section.

Mixtures

Not applicable

SECTION 4: FIRST AID MEASURES**EMERGENCY OVERVIEW****Potential Health Effects**

Inhalation: Can enter to lungs and cause damage. Excessive or prolonged breathing of this material may cause central nervous system side effects. Central nervous system side effects may include headache, dizziness, nausea, vomiting, weakness, loss of coordination, blurred vision, drowsiness or confusion.

Eye: May cause eye irritation; not expected to cause prolonged or significant eye irritation.

MATERIAL SAFETY DATA SHEET



- Skin:** May cause skin irritation. Prolonged skin contact may cause drying or de-fatting of skin. Not expected to be harmful to organs if absorbed through skin. Contact with skin is not expected to cause allergic response.
- Ingestion:** Harmful or fatal if swallowed. Because of its viscosity, this material can directly enter the lungs, if swallowed, or subsequently vomited. Once in the lungs, it is very difficult to remove and can cause injury and death.
- Chronic:** No information found.

FIRST AID MEASURES

- INHALATION:** Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- EYES:** Flush with water for at least 15 minutes while holding eyelids open. Call a physician if irritation persists. If worn, remove contacts after first 5 minutes.
- SKIN:** Remove contaminated clothing. Wash exposed area with soap and water for at least 15 minutes. Call a physician if rash or other symptoms develop. Launder clothes before reuse.
- INGESTION:** If ingested, do not induce vomiting. Drink plenty (2-3 glasses) of water or milk and immediately get medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

- Flash Point:** >95°C (203°F)
- Auto-Ignition Temp:** Lowest known >204°C (400°F)
- Flammability Limits:** Lower: >0.6; Upper: >5.4
- Extinguishing Media:** Treat as oil fire. CO₂, dry chemical, foam. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including a self-contained breathing apparatus.
- Unusual Fire Explosion Hazards:** Rags soaked with any solvent present a fire hazard and should always be stored in UL listed and covered containers. Improperly stored rags can create conditions the lead to oxidation. Oxidation, under certain conditions can lead to spontaneous combustion. This product contains antioxidants to retard oxidation.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- Methods for Containment:** Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
- Methods for Cleaning Up:** Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Never return spills in original containers for re-use. Eliminate all sources of ignition from the affected areas.

SECTION 7: HANDLING & STORAGE

General Handling and Storage Precautions:	As with all chemical products and material, take care as to where and how you store them.
Shelf Life:	No known limit. Recommended: Use within 1 year.
Special Sensitivity:	None
Storage and other Precautions:	Keep container closed. Do not store near heat, sparks, or open flames. Use or store in a well-ventilated area. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Empty drums should be completely drained, properly bunged, and promptly returned to a drum re-conditioner, or properly disposed of.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal Protective Equipment:**

Eyes/Face:	Safety glasses. If splashes are likely to occur, wear goggles or face shield
Skin:	Wear protective gloves/clothing
Ventilation:	Use product in a well ventilated area. If operator generates airborne material, use protective enclosures, local exhaust ventilation, or engineering controls to control exposure.
Respiratory:	Under normal conditions a respirator is not required. In confined or poorly ventilated areas, wear a NIOSH approved respirator if exposure of harmful levels of airborne material may occur. Use the following elements for air purifying respirators: Organic Vapour.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**Properties Evaluated @ Ambient Temperature**

Appearance	Clear yellowish liquid
Odor:	Faint hydrocarbon odour
Specific Gravity:	0.78 ± 0.04
Initial Freeze Point	-18 C (0° F)
Initial Boiling Point:	>204 C (400°F)
Flash Point:	> 95 C (203°F)
Solubility:	Not Soluble

Other data: These physical properties are typical values for this product and not specifications. No other data available.

SECTION 10: STABILITY & REACTIVITY

Chemical Stability:	Stable under normal temperatures and operating pressures.
Conditions to Avoid:	No data available.
Incompatibilities:	May react with strong acids or strong oxidizing agents.
Hazardous Polymerization:	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

LD50:

Oral, rat: LD50 = No information available.

Carcinogenicity:

Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Mutagenicity: No information available.

Neurotoxicity: No information available.

Other Studies: N/A

SECTION 12: ECOLOGICAL INFORMATION

Ecological Studies:

Please call the non-emergency telephone number if this information is required.

SECTION 13: DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed

SECTION 14: TRANSPORT INFORMATION

This material is not regulated for transport.

Marine Pollutant: This product is not a marine pollutant.

The proper shipping name and/or hazard class for this product may vary according to packaging, properties and mode of transportation. Customer is urged to consult 49 CFR 100-177, IMDG, IATA, EC, United Nations TDG and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods. Typical proper shipping names for this product are:

US Department of Transportation (DOT):

Canadian TDG (Transportation of Dangerous Goods):

IMO (Water Transportation):

IATA (Air Transportation):

Rail: Not Evaluated

Not Regulated as a Hazardous Material

Not Regulated as a Hazardous Material

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SECTION 15: REGULATORY INFORMATION

US FEDERAL

TSCA

All components of this product are listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

MATERIAL SAFETY DATA SHEET



None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depleters.
This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

This chemical is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

European Economic Community

Classification per Directive 67/548/EEC or 1999/45/EC

Not Classified

Risk Phrases: None allocated

Safety Phrases: S2-Keep out of reach of children

S24/25 Avoid contact with skin and eyes

WGK, Germany (Water danger/protection): No data available

Canada - DSL/NDSL

This product is listed on Canada's DSL List.

Canada - WHMIS

WHMIS: Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List – NPRI

NanoDissolve® contains no reportable ingredients as per the National Pollutant Release Inventory substance lists.

SECTION 16: OTHER INFORMATION:

The information accumulated herein is believed to be accurate based on the information provided, although no guarantee or warranty, either expressed or implied is made as to the accuracy or completeness of this information, whether originating with this company or not. Recipients are advised to confirm in advance of need that the information is correct, applicable and suitable to their circumstances. The conditions or methods of handling, storage, use and disposal of the product and container are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage or use of this information or product. If the product is used as a component in another product, this information may not be applicable.