

NOVACAN

Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) and UN GHS Rev 6

Revision date: Oct 29, 2019

NOVACAN GRINDER COOLANT

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SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier:

Trade name: **NOVACAN GRINDER COOLANT**

1.2 Relevant identified use of the solution and uses advised against:

A coolant and lubricant for diamond glass grinders used in the stained glass trade.

1.3 Manufacturer Identification and address:

Novacan Industries Ltd
856 Washington Drive
Port Moody, BC V3H 3K8
Canada
Phone: 1.604.931.6422
E-Mail: info@novacan.net

1.4 EMERGENCY TELEPHONE NUMBER:

For spill, leak, fire or exposure call 24 HR Emergency Phone#:
CANUTEC 1.613.996.6666

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Not Classified.

This mixture is not considered hazardous under the classification criteria of OSHA Hazard Communication Standard (29 CFR 1910.1200) and UN GHS Rev 6.

This SDS contains valuable information for the safe handling and proper use of the product and should be retained and available for users and handlers.

2.2 Label elements:

Hazard pictograms

Not applicable.

2.3 Signal word:

Not applicable.

Hazard statements:

No significant effects or hazards.

Precautionary statements:

No precautions apply to routes of entry, physical hazards, health hazards or fire hazard.

2.4 Other relevant information and hazards overview:

None known.



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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances or Mixtures: Mixture

3.2 Mixture:

Description of the mixture:

Clear pale yellow liquid.

Hazardous ingredients: Contains no ingredients which, under current knowledge, and in the concentrations applicable, are classified as hazardous to health or the environment which require reporting.

SECTION 4 FIRST AID MEASURES.

4.1 Description of first aid measures.

Routes of Entry: (under normal conditions of use)

Skin Contact: Minor **Eye Contact:** Minor **Ingestion:** Minor **Inhalation:** Minor

Eye Contact: Flush contaminated eye(s) with lukewarm, gently running water for 15 minutes, holding eyelids open. Seek medical attention if irritation persists.

Skin Contact: Wash affected area with plenty of soap and water. Remove contaminated clothing and launder before re-use. Seek medical attention if symptoms occur.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if symptoms occur.

Ingestion: Wash mouth with water. If mixture has been swallowed and the victim is conscious, give small quantities of water to drink. Seek medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed.

Acute: No known significant effects or health hazards.

Chronic: No known significant effects or health hazards.

4.3 Indication of any immediate medical attention and special treatment needed.

No known significant effects or health hazards.



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SECTION 5 FIREFIGHTING MEASURES

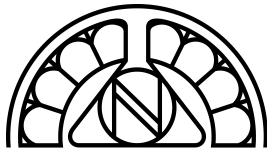
- 5.1 Extinguishing media:**
Use an extinguishing media suitable to the surrounding fire.
- 5.2 Specific hazards arising from the substance or mixture:**
No specific fire or explosion hazard.
- 5.3 Advice for fire-fighters:**
Fire fighters should wear appropriate protective equipment to the surrounding fire.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:**
- For non-emergency personnel:**
No protective equipment required.
- For emergency responders:**
Use personal protective equipment typically used by trained emergency personnel.
- 6.2 Environmental precautions:**
Implement spill control plan to avoid dispersal to sanitary or storm sewers, waterways, or confined spaces.
- 6.3 Methods and material for containment and cleaning up:**
If spill is large enough to require containment, use inert materials such as earth or sand to form a containment dike. Absorb spilled solution with absorbent pads or other suitable material.
- 6.4 Reference to other sections:**
See SECTION 8 for exposure levels and detailed personal protective equipment recommendations.
See SECTION 13 for waste handling guidelines.

SECTION 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling:**
No special requirements. Observe good industrial hygiene practices. Avoid contact with skin, eyes and clothing. Do not ingest.



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7.2 Conditions for safe storage, including any incompatibilities:

Store in labeled original container. Use normal hygiene standards for storage locations, away from food and drink.

Mixture is incompatible with oxidizing materials and acids.

7.3 Specific end uses:

This mixture is intended for use as a coolant and lubricant for diamond grinders used in the stained glass trade.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters:

Occupational exposure limits:

No specific exposure limits are recognized by following agencies.
OSHA, ACGIH, IARC or NIOSH

BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS: Not established

DERIVED NO EFFECT LEVEL (DNEL): Not established

PREDICTED NO EFFECT CONCENTRATION (PNEC): Not established

8.2 Exposure controls:

Engineering Controls: Good ventilation should be sufficient to control exposure to airborne contaminants.

Respiratory Protection: Not required under normal conditions of use.

Hand Protection: Not required under normal conditions of use.

Eye Protection: Not required under normal conditions of use. If material is used in a way that creates spray or splashing, use splash proof safety goggles.

Body Protection: Not required under normal conditions of use.

Other: Remove and wash contaminated clothing and gloves, before re-use.

Wash face, hands and any exposed skin thoroughly after handling.

Avoid release to the environment.



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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

- **Appearance:** Clear pale yellow liquid
- **Odor:** Odorless
- **Odor Threshold:** Not determined
- **pH:** 8
- **Freezing Point:** Not determined
- **Boiling Point:** 107 °C
- **Flash Point:** Not Flammable
- **Evaporation Rate:** Not Determined
- **Flammability:** Not Flammable
- **Upper / Lower Flammability or explosive limit:** Not Applicable
- **Vapor Pressure:** Not determined
- **Vapor Density:** Not determined
- **Relative Density:** 1.05 @ 20 °C
- **Solubility:** Completely soluble in water
- **Partition Coefficient:** No data
- **Auto Ignition Temperature:** N/A
- **Decomposition Temperature:** N/A
- **Viscosity:** Kinematic Viscosity
= 5 cST @ 68°F / 20°C

SECTION 10 STABILITY AND REACTIVITY

- 10.1 Reactivity:** Not reactive under typical conditions of use.
- 10.2 Chemical stability:** Normally stable under typical conditions of use.
- 10.3 Possibility of hazardous reactions:** Hazardous Polymerization will not occur.
- 10.4 Conditions to avoid:** Reactive with strong oxidizers and acids.
- 10.5 Incompatible materials:** Strong oxidizers and acids.
- 10.6 Hazardous decomposition products:** No data available.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute Toxicity:

This mixture has no known toxicity to health or the environment.

Additional Acute Toxicity:

Skin: No data available.

Eye: No data available.



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Ingestion: No data available.

Inhalation: Avoid inhalation of mist as a general good health practice.

Chronic Toxicity:

Chronic Potential Health Effects:

No known chronic health effects.

Carcinogenicity:

Not known to be a carcinogen.

Reproductive Toxicity Information: No data available.

Mutagenicity: No data available.

Specific target organ toxicity (single exposure):

STOT SE: No data available.

Specific target organ toxicity (repeated exposure):

STOT RE: No data available.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Results of PBT and vPvB assessment: No data available.

12.6 Other adverse effects: No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: As a general good practice, waste of this material should not be allowed to enter drains, soil or water courses. Offer surplus and non-recyclable solution to a licensed disposal firm. Waste must be labeled prior to recycling or disposal. Dispose of as hazardous waste in compliance with state and federal regulations.



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SECTION 14 TRANSPORT INFORMATION

Dangerous Goods Description and Transport Information:

- 14.1 DOT Hazardous Materials Shipping Regulations 49 CFR**
Not regulated for transport.
- 14.2 International Marine Organization (IMO) Hazardous Materials Shipping Regulations**
Not regulated for transport.
- 14.3 International Air Transport Association (IATA) Hazardous Materials Shipping Regulations**
Not regulated for transport.
- 14.4 European Agreement Concerning The Carriage of Dangerous Goods by Road (ADR):**
Not applicable.
- 14.5 Environmental Hazards:** Not applicable
- 14.6 Special precautions for users:** Not applicable
- 14.7 Transport in bulk:** Not applicable

SECTION 15 REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the mixture.**
- U.S. Regulations:**
- OSHA, 29 CFR 1910, Subpart Z: Not classified
 - TSCA (Toxic Substance Control Act): Not reportable.
 - CERCLA, 40 CFR 302: Not reportable.
 - SARA 302, 40 CFR 355: Not reportable.
 - SARA 313, 40 CFR 372: Not reportable.
 - SARA 311/312, 40 CFR 370: None



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SECTION 16 OTHER INFORMATION

16.1 Indication of changes: Original authored May 20, 2016

16.2 Abbreviations and acronyms:

OSHA - Occupational Safety and Health Administration

GHS - Globally Harmonized System

CAS# - Chemical Abstract Service Number

NFPA - National Fire Protection Association

ACGIH - American Conference of Government Industrial Hygienists

TWA - Time Weighted Average

TLV - Threshold Limit Value

STEL - Short Term Exposure Limit

PEL - Personal Exposure Limit

NIOSH - National Institute of Occupational Safety and Health

SE - Single Exposure

RE - Repeated Exposure

STOTL - Specific Target Organ Toxicity

mg/m³ - Milligrams per cubic metre

ppm - Parts per Million

LD50 - The lethal dose which is fatal to 50% of the specified test subjects, by the specified means of entry.

SARA - Superfund Amendment and Reauthorization Act

CERCLA - Comprehensive Environmental Response Compensation and Liability Act

TSCA - Toxic Substance Control Act

CFR - Code of Federal Regulations

16.3 Key literature references and sources for data:

OSHA - Occupational Safety & Health Administration, Hazard Communication Standard
29 CFR 1910.1200

UNECE - United Nations Economic Commission for Europe
Globally Harmonized System of Classification and Labelling on Chemicals
GHS - Sixth Edition 2015 (Purple Book)

Code of Federal Regulations - Title 49, Subtitle B, Chapter 1, Subchapter C, Part 171 to 177