

SAFETY DATA SHEET

Lloyds Laboratories Inc.

Orbit – Part # 42108, 42120, 42145

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Orbit

Date of Safety Data Sheet: March 1, 2019

Use of Preparation: Metal cutting & threading oil.

Company Identification: Lloyds Laboratories Inc.
613 Neal Drive,
Peterborough,
Ontario
K9J 6X7

Company Telephone Number: 800 361-6766

24 Hour Telephone Number: CANUTEC 613-996-6666 or *666 for cell phone.

2. HAZARD IDENTIFICATION

Emergency Overview:

Spontaneous Combustion (fire) may result from oil soaked materials such as rags, steel wool, paper and clothing. Place soaked materials in a sealed, metal container to prevent this.

OSHA / WHMIS 2015 Hazards

Classification of substance or mixture

GHS-US/Canadian classification:

GHS Hazards

Not classified as hazardous under WHMIS 2015.

Label Elements

GHS Labeling

Hazard Pictograms (GHS): None.

Signal Word (GHS): None.

Hazard Statements (GHS): None.

Precautionary Statements (GHS): None.

Response (GHS): None.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical.

Ingredient	CAS#	% by Wt	Classification
Canola Oil	8002-13-9	80-100	No classified as hazardous.

No ingredients that are classified as hazardous under GHS WHMIS 2015.

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4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Water spray or fog, foam, dry chemical, CO ₂ .
Unsuitable extinguishing media:	None known.
Special exposure hazards:	Fire or excessive heat may produce hazardous decomposition products.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion:	
Further information:	Keep containers and surroundings cool with water spray. Spontaneous Combustion (fire) may result from oil soaked materials such as rags, steel wool, paper and clothing. Place soaked materials in a sealed, metal container to prevent this.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any powder spills with dikes to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

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7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of mist.

Information about fire - and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Specific end use(s):

No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles.
Skin protection:	Use body-covering clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure Guidelines:	No ingredients with exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight:	No data available.	Evaporation Rate (BuAc=1):	No data available.
Appearance:	Liquid.	Vapour Density (Air=1):	No data available.
Odour:	Typical	Specific Gravity:	0.914-0.917 g/cm ³ .
Odour Threshold:	No data available.	Solubility in Water:	Not Soluble.
pH:	Not applicable.	Log Pow (calculated):	No data available.
Melting Point:	No data available.	Autoignition Temperature:	No data available.
Boiling Point/Range:	No data available.	Decomposition Temperature:	No data available.
Flash Point:	540 F.	Viscosity:	No data available.
Flammable Limits in Air:		Percent Volatile by Volume:	No data available.

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Lower Explosion limit: No data available.

Upper Explosion limit: No data available.

10. STABILITY AND REACTIVITY

Reactivity	Stable at normal ambient temperature and pressure.
Chemical stability	No decomposition if stored and applied as directed.
Conditions to avoid	Keep away from heat and sources of ignition.
Hazardous decomposition products	Hazardous gases and vapours produced in fire are oxides of carbon.
Materials to avoid	Oxidizing agents.
Hazardous polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification

Routes of Entry Inhalation, ingestion, eye or skin contact

Calculated basis.

LD50 oral rat >2000 mg/kg.

LC50 dermal rabbit >2000 mg/kg.

Carcinogenicity:

Chemical Name CAS Number IARC NTP OSHA

No ingredient listed.

Chronic Effects:

Mutagenicity: No evidence of a mutagenic effect.

Teratogenicity: No evidence of a teratogenic effect (birth defect).

Sensitization: No data available for mixture.

Reproductive: No evidence of negative reproductive effects.

Target Organ Effects:

Acute: No information available.

Chronic: None known.

12. ECOLOGICAL INFORMATION

Toxicity: Not classified.

Persistence and Degradability: Not available.

Bioaccumulative Potential: Not available.

Mobility in Soil: Not available.

Other Adverse Effects

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Other Information:	Avoid release to the environment.
Aquatic Toxicity:	Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.
Toxicity to algae, fish invertebrates:	No data available.
Biodegradation:	No data available.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

Empty Containers: Empty containers retain product residue (liquid and/or vapour) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.

Spontaneous Combustion (fire) may result from oil soaked materials such as rags, steel wool, paper and clothing. Place soaked materials in a sealed, metal container to prevent this.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT): Not regulated.

Canadian TDG (Road & Rail): Not regulated.

15. REGULATION

Toxic Substances Control Act (TSCA): Listed.

US EPA CERCLA Hazardous Substances (40 CFR 302): None.

California PROP 65: None.

Canadian Domestic Substance List (DSL): Listed.

HMIS III Rating:

Health: 1.

Flammability: 1.

Physical: 0.

Personal Protection: B.

SDS US (GHS HazCom 2012).

SDS CDN (GHS WHIMS 2015).

16. OTHER INFORMATION

Prepared By: Technical Department

Date: March 1, 2019

SDS: :Lloyds Laboratories Inc. Orbit

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Issuing Date: March 1, 2019

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet