Material name: NEAT-O Issue date: 09-July-2024 Version #: 01



SAFETY DATA SHEET

1. Identification

NEAT-O

Manufacturer/Importer/Supplier/Distributor information

Company name Address	DTAIL LAB inc. 300 Saint-Francois-Xavier. Local 207 Delson, Qc, J5B 1Y1 Canada
Telephone	514-290-6309
Website	http://www.dtaillab.com
E-mail	info@dtaillab.com

2. Hazard identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Acute toxicity, oral	Category 3
	Acute toxicity, dermal	Category 3
	Acute toxicity, inhalation	Category 3
	Serious eye damage/eye irritation	Category 2
	Reproductive toxicity	Category 1
	Specific target organ toxicity following single exposure	Category 1
	Specific target organ toxicity following single exposure	Category 3 narcotic effects
Environmental hazards	Not classified.	

Environmental hazards

Label elements



Signal word Hazard statements

Precautionary statement Prevention

Highly flammable liquid and vapour. Toxic if swallowed. Toxic in contact with skin. Causes serious eye irritation. Toxic if inhaled. May cause drowsiness or dizziness. May damage fertility or the unborn child. Causes damage to organs.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Do not breathe mist/vapours. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response	IF SWALLOWED: Immediately call a POISON CENTRE/doctor. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTRE/doctor. If eye irritation persists: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish.
Storage	Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards	None known.

3. Composition/information on ingredients

Substances	;
------------	---

Chemical name	Common name and synonyms	CAS number	%
METHYL ALCOHOL		67-56-1	10 - 30
Isopropyl alcohol		67-63-0	15 - 40

The actual concentration is withheld as a trade secret.

4. First-aid measures	
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a poison center or doctor/physician.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control centre immediately. Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Take off immediately all contaminated clothing. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Water fog. Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

Material name: NEAT-O Issue date: 09-July-2024 Version #: 01

Specific hazards arising from the chemical	Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Move containers from fire area if you can do so without risk. Withdraw immediately in case of rising sound from venting safety device or any discolouration of tanks due to fire. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapour.
6. Accidental release meas	ures
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water.
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautionsNever return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Use
appropriate containment to avoid environmental contamination.

7. Handling and storage

Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist/vapours. Do not get this material in contact with eyes. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.		
	For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".		
Conditions for safe storage, including any incompatibilities	Store locked up. Keep away from heat and sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep away from food, drink and animal feeding stuffs. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).		
8. Exposure controls/personal protection			

8. Exposure controls/personal protection

Recommendations listed in this section indicate the type of equipment, which will provide protection against overexposure to this product. Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.

Occupational exposure limits

Material	Туре	Value	
METHYL ALCOHOL (CAS 67-56-1)	STEL	250 ppm	
,	TWA	200 ppm	
Canada. Alberta OELs (Occupatio	nal Health & Safety Code, Sch	edule 1, Table 2)	
Material	Туре	Value	
	**		
METHYL ALCOHOL (CAS	STEL	328 mg/m3	
METHYL ALCOHOL (CAS 67-56-1)		328 mg/m3 250 ppm	
METHYL ALCOHOL (CAS		5	

Material	Туре	Value	
METHYL ALCOHOL (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) Material Type Value STEL METHYL ALCOHOL (CAS 250 ppm 67-56-1) TWA 200 ppm Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) Material Type Value METHYL ALCOHOL (CAS STEL 250 ppm 67-56-1) 200 ppm TWA Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety) Material Value Type METHYL ALCOHOL (CAS STEL 328 mg/m3 67-56-1) 250 ppm TWA 262 mg/m3 200 ppm Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) Material Type Value METHYL ALCOHOL (CAS 15 minute 250 ppm 67-56-1) 8 hour 200 ppm Consult provincial or territorial exposure values, as may apply. **Biological limit values ACGIH Biological Exposure Indices** Material Value Determinant Specimen Sampling Time METHYL ALCOHOL (CAS 15 mg/l Methanol Urine 67-56-1) * - For sampling details, please see the source document. **Exposure guidelines** Canada - Alberta OELs: Skin designation METHYL ALCOHOL (CAS 67-56-1) Can be absorbed through the skin. Canada - British Columbia OELs: Skin designation METHYL ALCOHOL (CAS 67-56-1) Can be absorbed through the skin. Canada - Manitoba OELs: Skin designation METHYL ALCOHOL (CAS 67-56-1) Can be absorbed through the skin. Canada - Ontario OELs: Skin designation METHYL ALCOHOL (CAS 67-56-1) Can be absorbed through the skin. Canada - Quebec OELs: Skin designation METHYL ALCOHOL (CAS 67-56-1) Can be absorbed through the skin. Canada - Saskatchewan OELs: Skin designation METHYL ALCOHOL (CAS 67-56-1) Can be absorbed through the skin. **US ACGIH Threshold Limit Values: Skin designation** METHYL ALCOHOL (CAS 67-56-1) Can be absorbed through the skin.

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

The following are recommendations only for the use of PPE. These recommendations cannot anticipate the variety of workplaces where the product will be used, nor how the product will be used in a variety of applications and processes. In determining appropriate PPE and engineering controls, it is the duty of the employer / user to evaluate their use of this product in accordance with the requirements of the local jurisdiction, and, if necessary, in conjunction with a professional industrial hygienist.

Eye/face protection	Chemical respirator with organic vapour cartridge and full facepiece.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. Chemical resistant gloves.
Respiratory protection	Chemical respirator with organic vapour cartridge and full facepiece.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

AppearancePhysical stateLiquid.FormLiquid.ColourREDOdourBubble gum
Form Liquid. Colour RED
Colour RED
Odour
Odour Bubble gum
Odour threshold Not available.
pH Not available.
Melting point/freezing point Not available.
Initial boiling point and boiling Not available. range
Flash point 29 °C (84.0 °F)
Evaporation rate Not available.
Flammability (solid, gas) Not applicable.
Upper/lower flammability or explosive limits
Flammability limit - lower Not available. (%)
Flammability limit - upper Not available. (%)
Explosive limit - lower (%) Not available.
Explosive limit – upper Not available. (%)
Vapour pressure12.9 kPa at 20 °C
Vapour density Not available.
Relative density Not available.
Solubility(ies)
Solubility (water) miscible
Partition coefficientNot available(n-octanol/water)
Auto-ignition temperature 464 °C (867 °F)
Decomposition temperature Not available.
Viscosity Not available.
Other information
Density 7.43 lbs/gal

	0.89 g/ml
Dynamic viscosity	Not available
Explosive properties	Not explosive.
Flammability class	Flammable IC estimated
Heat of combustion (NFPA 30B)	Not available
Oxidising properties	Not oxidising.
Percent volatile	100 %
Specific gravity	0.89
Surface tension	Not available
VOC	Not available

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Risk of ignition.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Toxic if inhaled. May cause damage to organs by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
Skin contact	Toxic in contact with skin.
Eye contact	Causes serious eye irritation.
Ingestion	Toxic if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity	Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed.	
Product	Species	Test Results
METHYL ALCOHOL (CAS 67-5	6-1)	
Acute		
Dermal		
LD50	Rabbit	15800 mg/kg
Inhalation		
LC50	Rat	87.5 mg/l, 6 Hours
Skin corrosion/irritation	Prolonged skin contact may cause temporary irrita classification is not possible.	ation. Due to partial or complete lack of data the
Serious eye damage/eye irritation	Causes serious eye irritation.	

Material name: NEAT-O Issue date: 09-July-2024 Version #: 01

Respiratory or skin sensitisation

Respiratory sensitisation	Not a respiratory sensitizer. Due to partial or complete lack of data the classification is not possible.
Skin sensitisation	This product is not expected to cause skin sensitisation.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.
Reproductive toxicity	May damage fertility or the unborn child. This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Causes damage to organs. May cause drowsiness and dizziness.
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.
Aspiration hazard	Not an aspiration hazard. Due to partial or complete lack of data the classification is not possible
Further information	Symptoms may be delayed.

12. Ecological information

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.

Product		Species	Test Results
METHYL ALCOHOL (CAS 6	7-56-1)		
Aquatic	,		
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours
ersistence and degradability	No data is	available on the degradability of this product.	

Persistence and degradability

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

-0.77	
Mobility in soil	No data available.
Other adverse effects	The product contains volatile organic compounds which have a photochemical ozone creation potential.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

Transport information on packaging may be different from that listed. Transportation information on packaging may be different from that listed.

Transport in bulk according to Not established. Annex II of MARPOL 73/78 and the IBC Code

TDG



TDG

UN number	UN1986
UN proper shipping name	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S. (methyl alcohol and isopropyl alcohol)
Transport hazard class(es)	
Class	3
Subsidiary risk	6.1
Packing group	
Environmental hazards	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

15. Regulatory information

Canadian regulations	This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.
Canada DSL Inventory: R	egistration Status
METHANOL (CAS 67-	56-1) Listed
Canada NPRI (Supplier N	otification Required): Listed substance
METHANOL (CAS 67-	56-1) Listed
Controlled Drugs and Su	bstances Act
Not regulated.	
Export Control List (CEP	A 1999, Schedule 3)
Not listed.	
Greenhouse Gases	
Not listed.	
Ontario. Toxic Substance	es. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)
METHYL ALCOHOL (CAS 67-56-1)
Precursor Control Regula	itions
Not regulated.	
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) I	Export Notification (40 CFR 707, Subpt. D)
Not regulated.	
CERCLA Hazardous	Substance List (40 CFR 302.4)
METHYL ALCOH	OL (CAS 67-56-1) Listed.
SARA 304 Emergenc	y release notification
Not regulated.	
OSHA Specifically R	egulated Substances (29 CFR 1910.1001-1053)
Not listed.	
Superfund Amendments and	Reauthorization Act of 1986 (SARA)
SARA 302 Extremely haz	ardous substance
Not listed.	
SARA 311/312 Hazardous chemical	s Yes

Classified hazard categories	Acute toxicity (any Serious eye damag Reproductive toxic Specific target orga	ge or eye irritation		
SARA 313 (TRI reporting)				
Chemical name		CAS number	% by wt.	_
METHYL ALCOHOL		67-56-1	10 - 30	
Clean Air Act (CAA)	HAPS list			
Other federal regulations				
Drug Enforcement Adn Chemical Code Numbe		ist 2, Essential Chemicals	s (21 CFR 1310.02(b) and	1310.04(f)(2) and
Not listed. Drug Enforcement Adn	ninistration (DEA). L	ist 1 & 2 Exempt Chemica	al Mixtures (21 CFR 1310.	.12(c))
Not regulated. DEA Exempt Chemical Not regulated.	Mixtures Code Num	ber		
US state regulations				
US. California Proposition	65			
California Proposition	65 - CRT: Listed date	e/Developmental toxin		
METHYL ALCOHOL		Listed: March	16, 2012	
		afer Consumer Products		Regs, tit. 22, 69502.3,
METHYL ALCOHOL	_ (CAS 67-56-1)			
California Proposition 65				
California Proposition	65 - CRT: Listed date	e/Developmental toxin		
METHYL ALCOHOL	_ (CAS 67-56-1)	Listed: March	16, 2012	
US. California. Candida subd. (a))	ate Chemicals List. S	afer Consumer Products	Regulations (Cal. Code I	Regs, tit. 22, 69502.3,
METHYL ALCOHOL	_ (CAS 67-56-1)			

	16.	Other	inform	ation
--	-----	-------	--------	-------

Issue date	09-July-2024	
Version No.	01	
Disclaimer	While DTAIL LAB b	

While DTAIL LAB believes the information contained herein to be accurate, DTAIL LAB makes no representation or warranty, express or implied, regarding, and assumes no liability for, the accuracy or completeness of the information. The Buyer assumes all responsibility for handling, using and/or reselling the Product in accordance with applicable federal, state, and local law. This SDS shall not in any way limit or preclude the operation and effect of any of the provisions of DTAIL LAB 's terms and conditions of sale.