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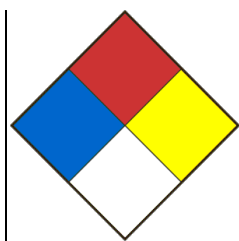
SAFETY DATA SHEET

SECTION 01 - PRODUCT AND COMPANY IDENTIFICATION

Product Identifier STODDARD SOLVENT		Product Use Laboratory use	
Chemical formula		Product code SP-1001	Molar weight
Chemical name / Commercial name / Synonymous STODDARD SOLVENT, SOLVANT DE STODDARD, SOLVANT-NAPHTA, NAPHTHA SAFETY SOLVENT, VARNOLINE, WHITE SPIRITS, DRY CLEANING SAFETY SOLVENT			
Supplier's name Laboratoire MAT		Address-Street 610, Adanac Street	
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Emergency phone	CANUTEC: 613-996-6666 CENTRE ANTI-POISON DU QUÉBEC 800-463-5060		
Date SDS 6/3/2021	SDS Prepared by Laboratoire MAT	E-Mail labmat@labmat.com	

SECTION 02 - HAZARDS IDENTIFICATION

Classification WHIMS / GHS	<p>Skin corrosion/irritation - Skin irritation category 2</p> <p>Flammable liquids category 3</p> <p>Specific Target Organ Toxicity - Repeated exposure category 2</p> <p>Aspiration hazard category 1</p> <p>Specific target organ toxicity - Single exposure category 3</p> <p>Serious eye damage/eye irritation - Eye irritation category 2</p>
Signal Word	DANGER
Hazards statements (H)	<p>H226 Flammable liquid and vapor.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p>
Precautionary statements (P)	<p>P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground/bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical/ventilating/lighting equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P260 Do not breathe dust / fume / gas / mist / vapors / spray.</p> <p>P261 Avoid breathing dust / fume / gas / mist / vapors / spray.</p> <p>P264 Wash the areas of the body that have been in contact with the product after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P314 Get medical advice/attention if you feel unwell.</p> <p>P321 Specific treatment (see section 4 of the SDS and on this label).</p> <p>P331 Do NOT induce vomiting.</p> <p>P332 + P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P337 + P313 If eye irritation persists: Get medical advice/attention.</p> <p>P362 + P364 Take off contaminated clothing and wash it before reuse.</p> <p>P370 + P378 In case of fire: Use CO2, dry chemical, or foam for extinction.</p> <p>P403 + P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403 + P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with local / regional / national / international regulations or contact a specialist waste disposal company.</p>
PICTOGRAMS	
Other dangers	NFPA (Risk: 0=No risk; 1=Slight; 2=Moderate; 3=Significant; 4=Extreme)



Health 1
Fire 2
Reactivity 0
Special danger

SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingrédients (Dénomination chimique / synonymes)	Numéro CAS et tout identificateur unique	Concentration (%)
Solvant Stoddard (Mélange Nonane 85% / Triméthylbenzène 15%)	8052-41-3	<=100

SECTION 04 - FIRST AID MEASURES

Eye contact	Wash eyes with large amounts of water for at least 15 minutes while holding eyelids apart to rinse eyes. If irritation persists, seek medical attention.
Skin contact	Wash skin with plenty of water for at least 15 minutes. Remove soiled clothing. If irritation persists, seek medical attention.
Inhalation	Move the unwell person to the fresh air. If breathing is difficult, give oxygen. Consult a physician.
Ingestion	If the person is conscious, give water to drink. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
Most important symptoms and effects (acute and delayed)	Main symptoms of high exposure: Irritation of the nose and throat. Eyes irritation. Lungs damage. Ref. section 11.
Immediate medical attention and special treatment, if necessary	In case of medical consultation, keep this sheet available.
General advice	Show this safety data sheet to the doctor in attendance.

SECTION 05 - FIREFIGHTING MEASURES

Flammability	Yes
Ignition conditions	Strong oxidizing agents, heat, sparks and open flame.
Suitable extinguishing media	Carbon dioxide, dry chemical powder and polymer foam.
Unsuitable extinguishing media	The water could be ineffective.
Hazardous combustion products	Hazardous combustion products formed under fire conditions: Carbon monoxide (CO) Carbon dioxide (CO ₂)
Special fire and explosion hazards	Vapors can travel a great distance and ignite on sources of ignition such as heaters, electrical appliances, cigarettes, sparks, etc. Containers exposed to fire may explode. Vapors may form flammable and explosive mixtures with air. Contact with strong oxidizing agents may cause fire. May react violently with incompatible products (Ref Section 10).
Special protective equipment and precautions for firefighters	Discard incompatible substances if this can be done without risk. Firefighters should be equipped with standard protective equipment, fireproof clothing, face mask, gloves, protective boots and, where appropriate, self-contained breathing apparatus.

SECTION 06 - ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and cleaning up / Personnel precautions, protective equipment	Evacuate personnel to safe areas. Cut off all sources of ignition. Avoid the accumulation of charges electrostatic. Avoid breathing vapors, mist or gas. Absorb the product with sand or vermiculite. Dilute residues with water, clean and rinse. Ensure a good ventilation of the premises. Dispose of residues in a container for disposal of hazardous materials. When handling, wear suitable safety equipment. Use breathing apparatus if necessary. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Do not let product enter drains.
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SECTION 07 - HANDLING AND STORAGE

Conditions for safe storage	Store in a cool, dry place. Keep container tightly closed and store away from strong oxidants, heat, sparks and open flame. Use venting and electrical equipment that is grounded and does not produce ignition sources (sparks). Protect from the sun's rays.
Methods of handling	Avoid inhalation of vapor or mist. Ensure good ventilation. Bottle in the glass preferably. NOTE: may attack some plastics, rubbers and coatings. Wear personal protective equipment when handling. Always ensure good ventilation. Transport according to TDG (ref Section 14)

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace control parameters

Components	No.-CAS	Control parameters	Value	Basis
Solvent stoddard	8052-41-3	TWA	100ppm 525 mg/m ³	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
		TWA	525 mg/m ³	Canada. Ontario OELs
		TWA	290 mg/m ³	Canada. British Columbia OEL
		STEL	580 mg/m ³	Canada. British Columbia OEL
		TWAEV	100ppm 525 mg/m ³	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

Data source	Sigma-Aldrich (Millipore Sigma)
Ventilation	Use fan.
Respiratory	If work under the hood is not possible, or if the permissible levels are exceeded, use a mechanical filter / cartridge against NIOSH vapors or a respirator with air supply.
Gloves	Handle with gloves.
Eyes	Safety goggles with safety shutters.
Shoes	Safety shoes.
Clothing	Labcoat. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Engineering control	Have safety showers and eyewash stations in the workplace in case of an emergency and a ventilation system to maintain the level of concentrations in the air below the exposure limit values.

SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid.
Appearance	Liquide incolore.
Odour	Type kérosène.
Odour threshold	0.4-1.0ppm
pH	Donnée non-disponible.
Melting point / Freezing point	Data not available
Initial boiling point	150-205°C
Boiling range	Data not available
Flash point	37.8-60°C
Evaporation rate	0.1%
Flammability	Yes
Lower flammable / Explosive limit	0.6-2.3%
Upper flammable / Explosive limit	5-12.1%
Vapour pressure	2 mm Hg @ 20°CmmHg
Vapour density	4.0-
Relative density	0.770-0.806g/cm ³
Solubility	Insoluble dans l'eau. Miscible avec l'alcool absolu, le benzène, le chloroforme et l'éther.
Partition coefficient water/n-octanol	Data not available
Auto-ignition temperature	229.4-260°C
Decomposition temperature	Data not available
Viscosity	Data not available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	Flammable product, may ignite with source of ignition, if temperature above flash point. May react violently with incompatible substances.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Stable under normal conditions. Vapors may form explosive mixture with air. Flammable liquid and vapors. Keep away from open flames, hot surfaces and sources of ignition. Reacts with oxidants. A mixture of vapors and air within flammability limits can be ignited by electrostatic discharge.
Conditions of instability (Including sensitivity to shock / static discharge / vibration)	Avoid contact with incompatible materials and extreme temperatures. Heat, flames, sparks. Reactions to strong oxidizing agents. Avoid the accumulation of static electricity.
Incompatible material	Strong oxidizing agents.
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. Toxic vapors of carbon monoxide and carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

STODDARD SOLVENT

Routes of exposure	Ingestion, inhalation, skin contact.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Irritation and tearing.
- Skin	Irritation and dermatitis.
- Inhalation	Irritation of the mucous membranes and respiratory tract. Narcotic effects, chest pain, cough, dyspnea, headache, dizziness, drowsiness, confusion and may lead to unconsciousness. Aspiration may cause pulmonary edema and pneumonia.
Acute toxicity (Ingestion)	Irritation of the mucous membranes. Gastrointestinal disorders, liver damage, cramps, diarrhea, headache, dizziness, drowsiness, seizures, nausea and vomiting. NOTE: Aspiration of the product into the lungs may cause chemical pneumonitis, hemorrhagic pulmonary edema resulting in rapid death from cardiac arrest, respiratory paralysis and asphyxia.
Chronic exposure effects / symptoms	Burning sensation, dermatitis, narcotic effects, chest pain, cough, dyspnea, headache, dizziness, confusion, irritability, drowsiness, fatigue, slow reflexes, anemia, weight loss and loss of appetite, nausea and vomiting. Target organs: Nervous system. Eyes. Respiratory system. Kidney.
DL50 (specify species and route of entry)	LD50 Dermal - Rabbit - 3,000 mg / kg LD50 Oral - Rat - 5,000 mg/kg.
CL50 (specify species and route of entry)	LC50 Inhalation - Rat - 4h - 5.5 mg/L.

SECTION 12 - ECOLOGICAL INFORMATION

Available ecological information	No
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SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method	Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable.
Contaminated Packaging	Dispose of as unused product.

SECTION 14 - TRANSPORT INFORMATION

UN Number	1268
UN Proper shipping name	PRODUITS PÉTROLIERS, N.S.A.
Transport hazard class(es)	3 Flammable liquids
Packing group	III
Limited quantity index	5L
ERAP Index	-
Special precautions	91, 92, 150

SECTION 15 - REGULATORY INFORMATION

WHIMS CANADA	Skin corrosion/irritation - Skin irritation category 2 Flammable liquids category 3 Specific Target Organ Toxicity - Repeated exposure category 2 Aspiration hazard category 1 Specific target organ toxicity - Single exposure category 3 Serious eye damage/eye irritation - Eye irritation category 2
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SECTION 16 - OTHER INFORMATION

Further information

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It does not represent any guarantee of the properties of the product. Laboratoire MAT Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

Last Update: 6/3/2021