



# Safety Data Sheet

VOC compliant paint thinner

## 1. Identification

**Product identifier :** VOC compliant paint thinner  
**Supplier :** Gotham industries  
**Address:** 231 René A. Robert boulevard  
Sainte-Thérèse, QC J7E 4L1  
Canada

**Contact :** 450-435-1224-7 8h-17h Monday to Friday

**Recommended usage :** Paint thinner  
**Restrictions on use :** For domestic and professional usage, keep out of reach of children

## 2. Hazard identification

**Warning statement :** DANGER

**Classification**



Flammable liquid	Category 3
Aspiration hazard	Category 1
Carcinogenicity	Category 2

### Hazard Statement

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H351	Suspected of causing cancer.

### Precautionary statement(s)

#### Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof surrounding industrial equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.



## Safety Data Sheet

### VOC compliant paint thinner

**Response:**

- P331 Do NOT induce vomiting.
- P302 + P352 IF ON SKIN (or hair): Wash with plenty of water
- P308 + P311 IF exposed or concerned: Call a POISON CENTER/doctor/...
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P333 + P337 + P313 In case of persisting eye irritation or if skin irritation or a rash occurs: Get medical advice/attention.
- P362 + P363 Take off contaminated clothing and wash it before reuse.
- P370 + P378 In case of fire: In case of fire: Use an appropriate extinguisher such as dry sand or chemical foam NOT WATER.

**Storage:**

- P403 + P235 Store in a well ventilated place. Keep container tightly closed.
- P405 + P233 Keep cool and locked up.

**Disposal:**

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

See toxicological information, section 11



## Safety Data Sheet

### VOC compliant paint thinner

### 3. Composition

	CAS :	Hazardous component	Concentration % (w/w)
1	64742-47-8	Petroleum distillates	80.00 – 100.00
2	8052-41-3	Stoddard solvent	3,00 – 7,00

**Note :** The actual concentration is withheld as a trade secret.

### 4. First aid

If swallowed, irritation, any type of overexposure or symptoms of overexposure occur during use of the product or persists after use, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available.

**Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

**Skin contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

**Inhalation:** Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

**Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Symptoms:** Headaches, nausea, vomiting and dizziness.

**Effects (acute or delayed):** Stomach ache eczema, Inhalation of high concentrations vapors can cause narcotic effect.

**Immediate medical attention and special treatment:** Limonene (CAS 138-86-3) would be a positive allergen in case of sensitisation to this product. No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.



# Safety Data Sheet

## VOC compliant paint thinner

### 5. Fire fighting measures

**General notice:** Does not mix with water, treat as a typical oil fire

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, Dans

**Unsuitable extinguishing media:** Do NOT try to extinguish with a direct stream of water.

**Specific hazards arising from the hazardous product:** Flammable. Vapors may form explosive mixtures with air. The vapors are heavier than air and may travel to an ignition source.

**Hazardous combustion products:** Carbon monoxide and dioxide.

**Special protective equipment and precautions for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### 6. Accidental release measures.

In the event of an accidental spill, this product's specific hazard (other than its flammability) will be to damage rubber, plastic and protective coatings on sensitive equipment (such as electrical wire).

**Personal precautions:** No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment

**Protective equipment and emergency procedures:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up:** Stop leak if without risk. Move any sensitive equipment or source of heat from spill area. Use detergent powder, oil absorbents to contain and remove spill. Use spark-proof tools and explosion proof equipment. Dispose of via a licensed waste disposal contractor.

### 7. Handling and storage

**Safe handling precautions:** Put on appropriate personal protective equipment, such as thick nitrile gloves (not disposable examination gloves) (see Section 8 for details). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate, such as a PPPE equipped with organic vapor cartridges. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical equipment in the surrounding environment. Do not reuse container.

**Conditions for safe storage:** Store in accordance with local regulations as flammable material. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10). Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Incompatibility:** Oxidizers



## Safety Data Sheet

### VOC compliant paint thinner

## 8. Exposure control

### RSST Schedule 1:

CAS :	Hazardous component	IDLH (C)		TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
64742-47-8	Petroleum distillates	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
8052-41-3	Stoddard solvent	N.R.	N.R.	100	525	N.R.	N.R.

### United-States Regulations

No	No CAS :	Hazardous component	IDLH NIOSH	Regulatory limits			Recommended limits	
				OSHA PEL		California / OSHA PEL	NIOSH REL	ACGIH ® 2019 TLV ®
				TWA Aérosol et vapeur	TWA Aérosol	TWA 8 hours	TWA 10 hours (C) Ceiling	TWA 8 hours
1	64742-47-8	Petroleum distillates	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
2	8052-41-3	Stoddard solvent (conversion factor ppm – mg/m <sup>3</sup> :5,25)	20000 mg/m <sup>3</sup>	2900 mg/m <sup>3</sup>	N.R.	525 mg/m <sup>3</sup>	350 mg/m <sup>3</sup> C 1800 (15 min)	525 mg/m <sup>3</sup>

IDLH: Immediately Dangerous to Life or Health Concentrations

TWA : Time Weighted Average

STEL: Short -Term Exposure Limit CEIL: Ceiling Limit

NIOSH : National Institute for Occupational Safety and Health

: Occupational Safety and Health Administration

PEL : Permissible Exposure Limits)

California / OSHA : California Division of Occupational Safety and Health

Recommended Exposure Limits

ACGIH ® : American Conference of Governmental Industrial Hygienists

TLV ® : Threshold Limit Values

**Appropriate engineering controls:** Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Individual protection measures:** Wash hands, forearms and face thoroughly after handling chemical products. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Always have a eyewash station or apparatus nearby.

**Eyes:** DO NOT WEAR CONTACT LENSES Wear anti-splash safety goggles.

**Hands:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products disposable examination gloves are typically not suitable for this product, thicker gloves must be considered. **DO NOT USE LATEX GLOVES** as they will dissolve in the product.

**Respiratory:** If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators equipped with organic vapor cartridge and P100 oil proof filter.. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

**Others:** Wear protective clothing with long sleeves and appropriate safety shoes at all times.



## Safety Data Sheet

### VOC compliant paint thinner

## 9. Physical and chemical properties

**Physical state:** Liquid

**Colour:** Transparent

**Odour:** Mineral spirit-like, very light

**Odour threshold:** N/A

**pH:** N/A

**Melting/Freezing point:** < -39 °C

**Initial boiling point/boiling range:** 158 °C

**Flash point:** >43 °C

**Lower flammable/explosive limit:** 0.6% V

**Upper flammable/explosive limit:** 13,0% V

**Auto-ignition temperature:** Not available

**Evaporation rate:** 0.01 (butyl acetate =1)

**Vapour pressure:** < 0.3hPa at 20 °C

**Vapour density:** 5.9 (air=1)

**Relative density:** 0,8 kg/L à 20 °C (water = 1)

**Solubility in water:** negligible

**Partition coefficient - n-octanol/water:** >4

**Decomposition temperature:** Ignites

**Kinematic viscosity:** 2.5 mm<sup>2</sup>/s at 20 °C

## 10. Reactivity and Stability

**Reactivity:** Stable under recommended conditions of storage and handling.).

**Chemical stability:** The product is chemically stable under normal conditions of use.

**Possible hazardous reactions:** No dangerous or polymerization reactions will not occur under normal conditions of use. Danger of explosion when heated or if mixed with incompatible substances (acid, bases and oxidizers)

**Conditions to avoid:.** Keep away from sources of ignition, and from incompatible products such as acids, bases and oxidizers.

**Incompatible materials:** This product will attack certain types rubber and coatings.

**Hazardous decomposition products:** Carbon monoxide and dioxide.



## Safety Data Sheet

### VOC compliant paint thinner

## 11. Toxicological information

	Oral	Cutaneous	Inhalation gas	Inhalation vapours	Inhalation Dusts, mists
ETA <sub>mélange</sub>	> 5 000 mg/kg	> 2 000 mg/kg	S.O.	22 mg/l	n/a

**Probable exposure route :** : This product is absorbed through the respiratory tract, skin and gastrointestinal tract.

**Symptoms:** Chemical pneumonia if ingested and absorbed by the lungs.

**Delayed and immediate effects:** Suspected of causing cancer

Aspiration Hazard	YES
Skin Corrosion /Irritation	No
Eyes Damage / Irritation	No
Skin Sensitizer	No
Respiratory Sensitizer	No
Specific Target Organ Toxicity – Single exposure	No
Specific Target Organ Toxicity – Single exposure Category 3 Narcotic effect	No
Specific Target Organ Toxicity – Single exposure Catégor 3 respiratory irritant	No
Specific Target Organ Toxicity – Repeated exposure	No



## Safety Data Sheet

### VOC compliant paint thinner

## 12. Ecological information

### Ecotoxicity

	CAS :	Hazardous component	%	Short term aquatic toxicity	long term aquatic toxicity	Terrestrial toxicity
1	64742-47-8	Petroleum distillates	80 –100	No	No	No
2	8052-41-3	Stoddard solvent	3– 7	No	Possible	No

### Persistence, bioaccumulation et other effects

No	No CAS :	Hazardous component	%	Persistence	Biodegradability	Other toxic effect
1	64742-47-8	Petroleum distillates	80 –100	Non persistent	56% 28 days	Negligible
2	8052-41-3	Stoddard solvent	3– 7	Non persistent	63% 28 days	Negligible

Note : All hazardous component are mixture that will vary throughout time and suppliers as they are only characterized by their physical properties from petroleum distillation. Therefore, ecotoxicological data may vary greatly.

## 13. Disposal considerations

**Methods of disposal:** The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor as a **organic combustible waste**. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.





## Safety Data Sheet

### VOC compliant paint thinner

## 14. Transport information

	TDG	DOT	IMDG	IATA
UN Number	UN1268	UN1268	UN1268	UN1268
Proper Shipping name	Petroleum Distillates N.O.S (stoddard solvent)	Petroleum Distillates N.O.S (stoddard solvent)	Petroleum Distillates N.O.S (stoddard solvent)	Petroleum Distillates N.O.S (stoddard solvent)
Hazard class	3	3	3	3
Packaging group	III	III	III	III

Marine pollutant : No

This product is exempted when transported in a means of containment of a capacity of 450 L or less, as per article 1.33 of the TDG Regulations.

## 15. Regulatory information

### Canada

	CAS :	Hazardous Component	%	DSL	NDSL
1	64742-47-8	Petroleum distillates	80 –100	X	
2	8052-41-3	Stoddard solvent	3– 7	X	

### United-States

	CAS :	Hazardous component	%	TSCA
1	64742-47-8	Petroleum distillates	80 –100	X
2	8052-41-3	Stoddard solvent	3– 7	X



## Safety Data Sheet

### VOC compliant paint thinner

## 16. Other information

**Date : 21/12/2023**

**Version : 1**

**Notice to the reader:** The manufacturer hereby declares that the information disclosed herein have been based on governmental sites. The manufacturer has no control over the nature and content of such information. The manufacturer fully reproduces all the information it holds on the constituent of the product, at the time it is manufactured. The manufacturer does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. By this data sheet, the manufacturer hereby discloses all the potential dangers it has knowledge of and which might be related to the using or manipulation of the product in order to allow the proper care to be brought and use with regard to the product. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist and notification is hereby given to the user. Notice is hereby given that injury can derive therefrom if the foregoing is not respected. The manufacturer assumes no responsibility for personal and/or material damage, lost or injury of whichever nature caused or which may occur following the wrongful, inappropriate, negligent or abusive use or handling of the product or from not having read the herein contained information.