

# Safety Data Sheet

## LIQUID RELEASE

Product: 002 Revision date: 2025/09/29

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product name:** LIQUID RELEASE. **Chemical family:** Petroleum distillates.

Product uses: Solvent.

**Supplier:** Vieira Concrete

357 Gage Ave. N. Hamilton, Ontario

L8L 7A8.

**Information phone number:** 905-544-7088.

## **Section 2: HAZARD IDENTIFICATION**

GHS Classification: This Safety Data Sheet has been generated based on the requirements of WHMIS

2015 to align with the Globally Harmonised System (GHS).

**GHS Classification** 

Health Hazard Class(es): Aspiration hazard, category 1.

Physical Hazard Class(es): Flammable liquid, category 3.

Environmental Hazard Class(es): No environmental hazard class.

**GHS Label Elements** 

Symbol:



Signal word: DANGER.

Hazard statement(s): H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

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**Precautionary statement(s):** P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting and all material handling

equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

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

P331 Do NOT induce vomiting.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated

clothing. Rinse skin with water [or shower].

P405 Store locked up.

P403 + P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national

P370 + P378 In case of fire use alcohol resistant foam, carbon dioxide or dry sand to extinguish.

Other hazard(s): None

GHS Classification: This Safety Data Sheet has been generated based on the requirements of WHMIS

2015 to align with the Globally Harmonised System (GHS).

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
64742-48-9	*	NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	
68551-16-6	*	C9-C11 ISOALKANES	

#### **Section 4: FIRST AID MEASURES**

**Skin contact:** Immediately flush skin with plenty of water for 15 minutes while removing

contaminated clothing and shoes. Seek immediate medical attention.

**Eye contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting

upper and lower lids. Get prompt medical attention.

**Inhalation:** If unconscious, place in the recovery position and seek medical advice.

Consult a physician after significant exposure.

**Ingestion:** Obtain immediate medical attention.

Guard against aspiration of liquids into lungs.

Never give anything by mouth to an unconscious person.

Do not induce vomiting, unless directed to do so by a physician.

#### **Section 5: FIRE FIGHTING MEASURES**

Flammability: Combustible.

**Extinguishing media:** Carbon dioxide, dry chemical, foam.

Do not use direct water jet.

Conditions of flammability: Vapours may travel to a source of ignition and flash back.

Heat, sparks and open flames.

**Special procedures:** Self-contained breathing apparatus required.

Firefighters should wear the usual protective gear.

Use water to cool fire exposed containers.

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**Sensitivity to static discharge:** Not available. **Sensitivity to mechanical impact:** Not available.

Rate of burning: Not available.

Hazardous combustion products: Oxides of carbon (CO, CO2).

Other unidentified organic compounds.

## **Section 6: ACCIDENTAL RELEASE MEASURES**

**Leak/Spill:** Eliminate all sources of heat and ignition.

Absorb with inert material.

Evacuate all non-essential personnel.

Prevent entry into drains, sewers, and other waterways.

Ventilate area.

Wear appropriate protective equipment.

Use non-sparking tools.

Place in appropriate container for disposal.

Do not flush to sewer.

## **Section 7: HANDLING AND STORAGE**

**Handling procedures:** Protect against physical damage.

Keep away from heat, sparks, and open flame.

Avoid breathing vapors/mists. Use adequate ventilation.

Wash thoroughly after using, particularly before eating or smoking.

Wear personal protective equipment appropriate to task. Empty containers containing residue may cause a hazard.

Avoid contact with skin, eyes and clothing. Launder contaminated clothing prior to reuse.

**Storage procedures:** Store away from incompatible materials.

Keep away from heat, sparks, and open flames.

Keep out of direct sunlight. Keep containers tightly closed. Store in original container.

Store in a cool, dry and well ventilated area.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type:



Wear protective gloves.

Respiratory/Type:



If TLV is exceeded, wear an approved respirator.

Eye/Type:





Safety glasses with side shields or goggles.

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**Footwear/Type:** Safety shoes per local regulations. **Clothing/Type:** Wear adequate protective clothes.

**Other/Type:** Eye wash facility should be in close proximity.

Emergency shower should be in close proximity.

Ventilation requirements: Local exhaust and/or mechanical ventilation to maintain exposure below TLV.

**Exposure limit of material:** No exposure limit established for the product.

**Ingredients:** 

C.A.S.	Ingredient Name	T.L.V.	OSHA-PEL TWA	STEL	ACGIH-TLV TWA	STEL	NIOSH STEL
	NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	NOT AVAILABLE					
68551-16-6	C9-C11 ISOALKANES	NOT AVAILABLE					

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

**Appearance & odor:** Clear

Colorless. Odorless.

Odor threshold (ppm): Not available.

**pH:** Not available.

Initial boiling point/Boiling range

178-188°C.

**Freezing point** (°C): Not available.

Flash point (°C), method: Tag Closed Cup.

48C (118.4F).

**Auto-ignition temperature** (°C): 336°C (636.8°F).

**Explosive power:** Vapours may form explosive mixture in air.

Vapour pressure (mmHg): Not available.

By weight: Not available.

Specific gravity @ 20 °C: 0.758

**Vapour density (air=1):** > 3.0.

**Evaporation rate** < 1.

(butyl acetate = 1):

**Solubility in water (%):** Insoluble.

Coefficient of water\oil dist.: Not available.

**VOC:** Not available.

## Section 10: STABILITY AND REACTIVITY

Chemical stability: Product is stable.

**Conditions of instability:** Heat, sparks & open flame.

**Hazardous polymerization:** Will not occur.

Incompatible substances: Strong acids.

Strong alkalies.

Strong oxidizing agents.

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Hazardous products of See hazardous combustion products. decomposition:

Section 11: TOXICOLOGICAL INFORMATION

**Effects of Acute Exposure** 

Route of entry: Eye contact, skin contact, skin absorption, inhalation and ingestion.

Eye contact: Direct contact may cause irritation and redness.

**Skin contact:** Solvent action can dry the skin, causing cracking and may lead to dermatitis.

**Inhalation:** Inhalation can cause: central nervous system depression: symptoms may include

headache, vertigo, drowsiness, loss of coordination, slowness of reflexes, speech

problems, dizziness and loss of consciousness.

**Ingestion:** May cause gastro-intestinal irritation.

Aspiration of liquid into the lungs during vomiting may cause inflammation of the

lungs (chemical pneumonitis, broncho-pneumonia, or pulmonary edema).

**Effects of chronic exposure:** Pre-existing medical conditions may be aggravated.

May cause defatting and dermatitis.

**Sensitization to product:** Not available.

**Carcinogenic effects:** Not listed as a carcinogen.

Reproductive effects: Not available.

Teratogenicity: Not available.

**Mutagenicity:** None anticipated.

**Synergistic materials:** Not available.

**LD50 of product, species &** No LD50 value established for the product.

LC50 of product, species & No LC50 value established for the product.

**Ingredients:** 

C.A.S.	Ingredient Name	LD/50	LC/50
64742-48-9			> 5.04 MG/L RAT INHALATION
68551-16-6	C9-C11 ISOALKANES	NOT AVAILABLE	NOT AVAILABLE

## Section 12: ECOLOGICAL INFORMATION

**Environmental fate:** Harmful to aquatic life.

## **Section 13: DISPOSAL CONSIDERATIONS**

**Waste disposal:** In accordance with municipal, provincial and federal regulations.

Since emptied containers may retain product residue, follow label warnings even

after container is emptied.

## **Section 14: TRANSPORT INFORMATION**

002 - LIQUID RELEASE 5/6 **TDG** classification: PETROLEUM DISTILLATES, N.O.S.

> UN1268 Class 3 PG III.

DOT:

PETROLEUM DISTILLATES, N.O.S.

UN1268 Class 3 PG III.

ICAO/IATA: PETROLEUM DISTILLATES, N.O.S.

UN1268 Class 3 PG III.

**IMDG:** 

PETROLEUM DISTILLATES, N.O.S.

UN1268 Class 3 PG III.

**Special instructions:** Not regulated in containers < 450 L.

Marine Pollutant: Not available.

#### **Section 15: REGULATORY INFORMATION**

**DSL status:** Appears on DSL.

**CERCLA reportable quantity:** None

TSCA inventory: All substances listed as active on the TSCA Inventory or are not required to be

listed.

SARA Section 313: None

**SARA hazard categories sections** Immediate (Acute) Health Hazard: Yes.

311/312: Delayed (Chronic) Health Hazard: No.

Fire Hazard: Yes.

Sudden Release of Pressure: No.

CA Proposition 65: None

## **Section 16: OTHER INFORMATION**

**Data prepared by:** Conform-Action Data Systems

A division of 2843471 Canada Inc.

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