



LES PRODUITS GO NANO INC.

Material Safety Data Sheet

MSDS No:1003

Version: 2.0

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Date: 2024/08/01

6965 GONANO WATER PROOF AGENT (SHINGLE SAVER)

1. PRODUCT AND COMPANY IDENTIFICATION:

Supplier: Les Produits Go Nano Inc Tel Canada: 1-844-442-5880

Address: 10915 rue de la Topaze, Mirabel, Qc, Canada, J7N 0T6

Tel USA: 1-833-216-6266

Physical form: Liquid

Color: Colorless, clear or pale yellow

Odor: Mild petroleum/solvent with slight vegetable oil scent

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization:

Compound Ingredients:

Component Name	CAS No.	%(w/w)
Hydrotreated light distillate	64742-47-8	24-53.6
Octamethylcyclotetrasiloxane	556-67-2	1.6-6.4
Trimethoxyoctylsilane	3069-40-7	6.4-12.8
(7-oxabicyclo[4.1.0]heptan-4-yl)silane	556-67-2	8-16
[diacetyloxy(propyl)silyl]	17865-07-5	8-16.8
Soy methyl ester	67784-80-9	20 -22.6
Other	Not applicable	2.4-4

3. HAZARDS IDENTIFICATION

Hazard Classification:

Flammable Liquid: Category 4

Skin corrosion/irritation: Category 3

Aspiration Hazard: Category 1

Route of incursion Inhalation, Skin contact and accidental ingestion

Hazard on Health: May cause moderate irritation for skin. If swallowed, may be fatal if enters airways.

Hazard on environment: No significant hazards

Hazard on flammability and explosion: Combustible liquid. Keep away from ignition sources such as heat/sparks/flame. Use explosion-proof electric/ventilation/illumination equipment. Vapor accumulation could flash and/or explode if ignited. Material can accumulate static charges which may cause an incendiary electrical discharge. Keep container close to avoid solvent volatilization after using.



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**4. FIRST AID MEASURES**

4.1 Skin: As quickly as possible remove contaminated clothing, shoes and leather goods, immediately flush skin with lukewarm, gently flowing water and soap.

4.2 Eyes: Immediately flush the contaminated eyes with lukewarm, gently flowing water for at least 15 minutes. If irritation persists, obtain medical attention.

4.3 Inhalation: Remove from the source of contamination and move to fresh air. Obtain medical attention if ill effects persist.

4.4 Ingestion: Immediately obtain medical attention. Do not induce vomiting.

**5. FIRE-FIGHTING MEASURES**

Hazard characteristic:

Flash point:  $>71^{\circ}\text{C}/160^{\circ}\text{F}$ . Vapor can form combustible mixtures with air, that could flash or explode if ignited. Material can get reaction with oxidant

Hazard combustible product: CO, CO<sub>2</sub>

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide(CO<sub>2</sub>). Water can be used to cool fire exposed containers

Special protective equipment for the Fire Fighters: Self-contained breathing apparatus(SCBA) and protective clothing should be worn in fighting large fires involving chemicals.

**6. ACCIDENTAL RELEASE MEASURES**

Accidental measures:

Remove possible ignition sources. Evacuate and isolate the spill area, avoid contact with spilled materials.

Self-contained breathing apparatus and protective clothing should be worn in the accidental handler.

Prevent spilled material entering into waterways, sewer, basements or confined areas.

Collect spilled material into a closed container.

Absorb or clean up remained material with dry earth, sand, activated carbon or other inertial materials.



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7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Prevent small spills and leakage to avoid slip hazard. Static electricity will accumulate, use proper bonding and/or grounding procedures to eliminate static electricity.

Storage: Keep container closed in cool and ventilated storage. Keep away from fire and heat source. Temperature in storage should be less than 60°C Suitable Containers/Packing: Barges, Drums, Tank Cars, Tank Trucks

Compatible Materials and Coatings: Carbon Steel, Stainless Steel, Polyethylene, Polypropylene, Teflon Incompatible Materials and Coatings: Natural Rubber, Butyl Rubber, EPDM Rubber, Polystyrene

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits/Exposure limit values: RCP - TWA:1200mg/m3

Inhalation Protection: Where concentrations are above recommended limits or are unknown, approved gas-mask(half-face) with filter should be worn. Where rescue or evacuation occurs in emergency, Self-contained breathing apparatus should be worn.

Eye protection: Use chemical worker's goggles

Skin and Body protection: Chemical and oil resistant clothing is recommended.

Hand protection: Chemical resistant gloves are recommended like Nitrile gloves.

Other protections: No smoking, eating and drinking on site, alcoholic beverage is prohibited to drink before work.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical State: Liquid

9.2 Color: Colorless, clear or pale yellow .

9.3 Odor: Mild Petroleum/Solvent with slight vegetable oil scent

9.4 Flash Point [Method]: >71°C(160F) [ ASTM D-93]

9.5 Relative Density: 0.78 -0.81 g/cm3

9.6 Boiling Point / Range: 200C (392F) - 250C (482F)

9.7 Vapor Density (Air = 1): >1

9.8 Vapor Pressure: <0.023 kPa (<0.17 mm Hg) at 20 °C

9.9 Evaporation Rate (n-butyl acetate = 1): 0.1

9.10 Solubility in Water: Negligible



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**10. STABILITY AND REACTIVITY**

Chemical Stability: Stable under normal conditions  
Conditions to Avoid: Heat, sparks, open flames and other ignition sources  
Materials to Avoid: Strong oxidizing agents  
Hazardous Decomposition Products: Material does not decompose at ambient temperatures.  
May form CO and CO<sub>2</sub> under fire conditions.  
Hazardous Polymerization: Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**11.1 ACUTE TOXICITY**

Inhalation: May cause respiratory irritation. Minimally toxic at ambient/normal handling temperatures.  
Ingestion: May be fatal if swallowed and enters airways. Minimally toxic.  
Skin: May cause skin irritation. Minimally toxic.  
Eye: May cause eye irritation.

**11.2 CHRONIC/OTHER EFFECTS** Prolonged or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

**12. ECOLOGICAL INFORMATION**

**12.1 Environmental effects** Acute effects: Not expected to be harmful to aquatic organisms. Chronic effects: Not expected to demonstrate chronic toxicity to aquatic organisms.

**12.2 Biodegradation:** Expected to be inherently biodegradable. The soy methyl ester component is readily biodegradable.

**12.3 Bioaccumulation:** Has the potential to bioaccumulate.

**13.DISPOSAL CONSIDERATIONS**

Disposal Recommendations: Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

Dispose of in accordance with local, state, and federal regulations.



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**14.TRANSPORT INFORMATION**

LAND (DOT) Proper Shipping Name: COMBUSTIBLE LIQUID, N.O.S.

(contains Petroleum Distillates, Soy Methyl Ester)

Hazard Class: Combustible Liquid

UN Number: NA1993

Packing Group: III Note: Not regulated if shipped in packaging less than 119 gallons.

LAND (TDG) : Not Regulated for Land Transport

SEA (IMDG) : Not Regulated for Sea Transport according toIMDG-Code

AIR (IATA) : Not Regulated for Air Transport

**15.Regulatory information**

.Safety, health and environmentally friendly regulations / special regulations for the substance or mixture. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. Comply with international and local government regulations.

**16.OTHER INFORMATION**

Reference documentation:

Zhang Haifeng, Chemical hazardous material safety data sheet, Chemical engineering publishing company, 2008-1-1  
China Chemical hazard toxicity laws and regulations, environmental data handbook, China Environment Science Press.

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. Les Produits Go Nano Inc. assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Les Produits Go Nano Inc. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the use.

