



LES PRODUITS GO NANO INC.

Material Safety Data Sheet

MSDS No:1005

Version: 1.3

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Date: 2024/02/16

6970 GONANO REVIVE WATER PROOF AGENT

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: Not available

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Compound

Ingredients:

Component Name	CAS No.	%(w/w)
Hydrotreated light distillate	64742-47-8	25-50
Octamethylcyclotetrasiloxane	556-67-2	2-8
Trimethoxyoctylsilane	3069-40-7	8-16
(7-oxabicyclo[4.1.0]heptan-4-yl)silane	556-67-2	10-20
[diacetyloxy(propyl)silyl]	17865-07-5	10-21
Soy Methil Ester	67784-80-9	25-50

HAZARDS IDENTIFICATION

Hazard Classification:

Flammable Liquid: Category 5 Skin

corrosion/irritation: Category 3

Inhalation: Category 1

Route of incursion Inhalation, Skin contact and accidental ingestion

Hazard on Health: May cause moderate irritation for skin. If swallowed or inhaled, death may result

Hazard on environment: No obvious hazards

Hazard on flammability and explosion:

Flammable. 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. If irritation occurs, obtain medical attention.

- Inhalation: Remove from the source of contamination and move to fresh air. Obtain medical attention if ill effects persist.
- Ingestion: Immediately obtain medical attention. Do not induce vomiting.

• FIRE-FIGHTING MEASURES

- Hazard characteristic:

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

Material can get reaction with oxidant

Hazard combustible product: CO

- Extinguishing Media:

Use water spray, foam, dry chemical or carbon dioxide(CO₂). 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.



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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.

HANDLING AND STORAGE

Handling:

Avoid contact with skin. 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

EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Inhalation Protection:

Where concentrations is 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.



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9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1. Physical State: Liquid
- 9.2 Color: Colorless, clear or pale yellow
- 9.3 Odor: Mild Petroleum/Solvent
- 9.4 Flash Point [Method]: $>77^{\circ}\text{C}$ (171F) [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): 6.2 at 101 kPa
- 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

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Heat, sparks, open flames and other ignition sources

Materials to Avoid: Don't mix with alcohol, water and moisture. Strong oxidizing material can cause a reaction.

Hazardous Decomposition Products: Material does not decompose at ambient temperatures.

Hazardous Polymerization: Will not occur.

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Inhalation: Minimally Toxic; Irritative to skin and respiratory passage, but negligible hazard at ambient/normal handling temperatures.

Ingestion: Toxicity: LD₅₀ > 15000 mg/Kg. Minimally toxic.

Skin: Toxicity: LD₅₀ > 3160 mg/kg. Minimally Toxic. Moderate irritation to skin due to prolonged exposure. Eye: Irritative, May cause moderate, short-lasting discomfort to eyes.

CHRONIC/OTHER EFFECTS

Component Toxicology
Information:

Vapor/aerosol concentrations above recommended exposure levels are irritating to eyes and respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects.

Prolonged and/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.



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ECOLOGICAL INFORMATION

Environmental effects

Acute effects: No harm to aquatic organisms.

Chronic effects: No harm to aquatic organisms.

Biodegradation: Quickly biodegradable.

Bioaccumulation: No bioaccumulation potential.

13.DISPOSAL CONSIDERATIONS

Material characteristics: Hazard waste solvent – HW42.

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.

14.TRANSPORT INFORMATION

LAND (DOT)

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

Label(s): NONE

LAND (TDG) : Not Regulated for Land Transport

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

AIR (IATA) : Not Regulated for Air Transport

15.Regulatory information

Safety, health and environmentally friendly regulations / special regulations for the substance or mixture.

Comply with international and local government regulations.

Please refer to the second chapter of this document.



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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.