



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Odorless Mineral Spirit (OMS) Product Number: SC-NPTH-110
Synonyms: Hydrocarbon solvent CAS Number: 64742-88-7

NuGeneration Technologies, LLC
1155 Park Avenue, Emeryville, CA 94608 USA
(888) 996-8436 (For product information)
(800) 424-9300 or (202) 483-7616 (CHEMTREC: For emergencies)

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% Odorless Mineral Spirit (OMS) CONTAINING:
NON-HAZARDOUS AND/OR REGULATED COMPONENTS

Table with 3 columns: Chemical Name, Amount, CAS Number. Row 1: Medium Aliphatic Solvent Naphta, 95-100%, 64742-88-7

(See Section 8 for exposure guidelines) (See Section 15 for regulatory information)

HAZARDS DISCLOSURE: This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product contains no known hazardous materials.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
COMBUSTIBLE!
May cause lung damage if swallowed, irritating to eyes, skin and respiratory system.

HMIS Rating Health: 1
Flammability: 2
Reactivity: 0
Personal Protection Index: --

NFPA Rating Health: 1
Flammability: 2
Reactivity: 0
Special Hazard: --

NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

POTENTIAL HEALTH EFFECTS:

EYE: Avoid contact, causes eye irritation.

SKIN: Avoid contact, may cause skin irritation.

INHALATION: Avoid inhalation, may cause respiratory irritation.

INGESTION: Ingestion is not considered a potential route of exposure. May cause lung damage if swallowed.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID: Flush eye with water for 15 minutes. Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID: Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

INHALATION FIRST AID: After high vapor exposure, if breathing is difficult, remove to fresh air and provide oxygen. If breathing has stopped give artificial respiration.

INGESTION FIRST AID: if swallowed, CALL A PHYSICIAN IMMEDIATELY! Do NOT induce vomiting. Have patient lie down and keep warm. Vomiting may lead to pneumonitis, which may be fatal.

STATEMENT OF PRACTICAL TREATMENT: Always have plenty of water available for first aid.

NOTES TO PHYSICIAN: Treat patient symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

COC Flash Point: None

TCC Flash Point: None

Auto-ignition Temperature: None

FLAMMABLE LIMITS IN AIR:

LEL: None

UEL: None

EXTINGUISHING MEDIA: NFPA Class B extinguishers (carbon dioxide or foam) for Class IIIA liquid fires.

FIRE & EXPLOSION HAZARDS: COMBUSTIBLE! Keep container tightly closed. Closed container may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions. Empty container very hazardous! Follow all label precautions!

FIRE FIGHTING INSTRUCTIONS: Contact emergency personnel as necessary. Water spray may be ineffective on fire but can protect firefighters and cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear, (helmet with face shield, bunker coats, gloves and rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

COMBUSTION PRODUCTS: Isolate from oxidizers', heat and open flame.

6. ACCIDENTAL RELEASE MEASURES

CONTAINMENT TECHNIQUE: Keep unprotected personnel away. Wear appropriate personal protective equipment given in Section 8. Ventilate spill area. Stop spill at source. Dike and contain.

CLEAN UP PROCEDURE: Clean up remainder with absorbent materials. Mop up and dispose of.

7. HANDLING AND STORAGE

Isolate from oxidizers, heat and open flames.

STORAGE: Store large amounts in structures made for OSHA Class IIIA liquids. Keep container tightly closed and upright when not in use to prevent leakage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION CONTROLS: A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

VENTILATION:

Local Exhaust: Necessary
Mechanical (general): Acceptable

PERSONAL REQUIREMENTS: Wear OSHA standard goggles or face shield. Consult Safety Equipment Supplier. Wear protective gloves, apron and footwear to minimize skin contamination. Wash clothing before reuse.

WORK AND HYGENIC PRACTICES: Provide readily accessible eye wash stations and safety showers. Wash at end of each work shift and before eating, smoking, or using the toilet. Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM : Liquid
COLOR: Colorless
ODOR: Mild
BOILING POINT: 182-203°C / 361-398°F
VAPOR DENSITY: 5.2 (Air = 1)
SPECIFIC GRAVITY: 0.787 (Water = 1)
GRAVITY (lbs/gallon): 6.556
MELTING/FREEZING POINT: N/A
pH: N/A
% VOLATILES: 100%
VOLATILE ORGANIC COMPOUNDS (VOC): 787 g/L
pH (2% B.V.): N/A
WATER ABSORPTION: Negligible
REFRACTIVE INDEX: 1.436
MIXED ANILINE POINT (ACID INSOL): 67°C / 153°F

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur.

MATERIALS TO AVOID: Isolate from strong oxidizers such as permanganates, chromates and peroxides.

DECOMPOSITION: Carbon monoxide, carbon dioxide from burning.

CONDITIONS TO AVOID: Isolate from oxidizers, heat and open flames.

11. TOXICOLOGICAL INFORMATION

ACUTE EYE AND SKIN EFFECTS: Primary irritation to skin, defatting, dermatitis. Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

ACUTE ORAL EFFECTS: Harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting and diarrhea.

ACUTE INHALATION EFFECTS: Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

SUB CHRONIC HAZARDS/CONDITIONS AGGRAVATED: Persons with severe skin, liver or kidney problems should avoid use.

Chronic hazards: Leukemia has been reported in humans from Benzene. This product contains less than 1 ppm of Benzene. Not considered hazardous in such low concentrations. Absorption through skin may be harmful.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. For additional waste disposal information contact your local agencies.

CONTAMINATED MATERIALS: Wash contaminated clothing before reuse.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL.....Odorless Mineral Spirit (OMS)
D.O.T. SHIPPING NAMEPetroleum distillates, n.o.s., Combustible liquid
TECHNICAL SHIPPING NAME.....N/A
D.O.T. HAZARD CLASSPG-III
UN NUMBERUN1268
PRODUCT RQ (LBS)N/A
D.O.T. LABELNon regulated
D.O.T. PLACARDN/A
BULK CLASS.....N/A
PACKAGE CLASS.....N/A

15. REGULATORY INFORMATION

EEC Symbols and Indications of Danger: None
SARA Title III - Section 313: Acute health, fire.

MISCELLANEOUS INFORMATION: This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS).



Odorless Mineral Spirit (OMS)

PRD Number:

MATERIAL SAFETY DATA SHEET

March 2, 2011

16. OTHER INFORMATION

PREPARED BYDonato Polignone
APPROVAL DATE.....March 2, 2011
SUPERCEDES DATEOctober 24, 2006
PRD NUMBER.....(Official Copy)

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END OF MSDS