

Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code: MDR-540,549,550,551,552,553

Product Name: Stor-N-Start

Manufacturer's Name: MARINE DEVELOPMENT & RESEARCH	Emergency Telephone Number: 352-323-3500
Address (Number, Street, City, State, ZIP) 515 EAST 41 ST ST	Telephone Number for Information: 973-754-7000
PATERSON, NJ 07504	Date Prepared: 10/18/16
	Signature of Preparer (optional):

SECTION 2: HAZARDS IDENTIFICATION

This material is hazardous according to UN GHS Criteria. Classification includes all GHS hazard classes. For hazard categories with two cut-off/concentration limits, classification was based on the higher limit.

GHS CLASSIFICATION

Flammable liquid: Category 4
Aspiration toxicant: Category 1.

GHS Label Elements:

Pictogram:



Signal Word: Danger

Hazard Statements:

Physical: H227: Combustible liquid.

Health: H304: May be fatal if swallowed and enters airways

Precautionary Statements:

Prevention: P210: Keep away from flames and hot surfaces.—No smoking. P280: Wear protective gloves and eye/face protection

Response: P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331: DO NOT induce vomiting. P370 + P378: In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) for extinction.

SECTION 2: HAZARDS IDENTIFICATION (continued)

Storage: P403 +P235: Store in a well-ventilated place. Keep cool. P405: Store locked up

Disposal: P501: Dispose of contents and container in accordance with local regulations

Contains: DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

Other hazard information:

PHYSICAL/ CHEMICAL HAZARDS

Material can accumulate static charges which may cause an ignition. Material can release vapors that readily form flammable mixtures. Vapor accumulation could flash and/or explode if ignited.

Combustible

HEALTH HAZARDS

May be irritating to the eyes, nose, throat, and lungs. Repeated exposure may cause skin dryness or cracking

ENVIRONMENTAL HAZARDS

No significant hazards

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS Registry #	% w/w	ACGIH TLV	OSHA PEL
Solvent Napatha	64742-88-7	95-99.5	100 ppm	100 ppm

SECTION 4: FIRST-AID MEASURES

General Advice: Remove contaminated clothing.

If Inhaled: If difficulties occur after vapor/ aerosol has been inhaled, remove to fresh air and seek medical attention.

If on Skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in Eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If Swallowed: Rinse mouth and then drink plenty of water. DO NOT induce vomiting. Immediate medical attention required.

SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: 142-151°F

Method Used: TCC

Flammable Limits:

LFL: 0.7%

UFL: 6%

Extinguishing Media: Water fog, foam, Carbon dioxide, dry chemical**Fire & Explosion Hazards:** Containers can rupture and explode under fire conditions due to pressure and vapor buildup.**Fire Fighting Instructions:** Self contained breathing apparatus. Use water to cool fire exposed containers.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective clothing. Keep people away and stay on the upwind side.**Environmental Precautions:** Do not discharge into drains/ surface waters/ groundwater.**Absorb on fire retardant material. Dispose of in accordance to Local, State and Federal regulations.**

SECTION 7: HANDLING AND STORAGE

Handling:

- **General Advice:** Keep away from sources of ignition- No Smoking.
- **Protection Against Fire and Explosion:** Take precautionary measures against static discharges

Storage:

- **General Advice:** Keep container tightly closed and dry; store in a cool place.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment:

- **Respiratory Protection:** Wear a NIOSH-certified (or equivalent) organic vapor / particulate respirator.
- **Hand Protection:** Chemical resistant protective gloves
- **Eye Protection:** Safety glasses with side-shields
- **General Safety and Hygiene Measures:** Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls: Keep containers closed when not. Do not store near food.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless Liquid	Physical State: Liquid
Boiling Point: 354 – 417°F	Solubility in Water: Insoluble
Evaporation Rate: (nBuAc=1) 0.04	Density: 6.60 lb/gal
Freezing Point: N/A	Specific Gravity: 0.78 – 0.84
Melting Point: N/A	Vapor Density: N/A
Molecular Weight: Mixture	Vapor Pressure: 30 – 93 Pa 0°C
Odor: Hydrocarbon	Viscosity: N/A
pH: N/A	% Volatile: 100%
	Partition Coefficient: N/A

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SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Basis for Assessment: Information given is based on product testing, and/or similar products, and/or components.

Acute Oral Toxicity: Expected to be of low toxicity: LD50 > 2000 mg/kg, Rat. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Acute Dermal Toxicity: Expected to be of low toxicity: LD50 > 2000 mg/kg, Rat.

Acute Inhalation Toxicity: Low toxicity: LC50 greater than near-saturated vapor concentration./1 hours, Rat.

Skin Irritation: May cause moderate irritation to skin. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.

Eye Irritation: Essentially non-irritating to eyes.

Repeated Dose Toxicity: Kidney: caused kidney effects in male rats which are not considered relevant to humans. Cardiovascular system: chronic abuse of similar materials has been associated with irregular heart rhythms and cardiac arrest. Center nervous system: repeated exposure affects the nervous system

Carcinogenicity: Repeated exposure causes skin tumor promotion in experimental animals.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological Information: Environmental fate and effects are not established.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal of Substance: Dispose of in accordance with national, state, and local regulations. Do not discharge into drains / surface waters / groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container Disposal: Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Dispose of in accordance with national, state and local regulations.

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SECTION 14: TRANSPORT INFORMATION (Not meant to be all inclusive)

D.O.T. Shipping Name: Petroleum Distillates, N.O.S.
Technical Shipping Name: Petroleum Distillates, N.O.S.
D.O.T. Hazard Class: Combustible Liquid
U.N. / N.A. Number: UN1268

SECTION 15: REGULATORY INFORMATION (Not meant to be all inclusive- selected regulation represented)

TSCA Status: All ingredients are in the TSCA inventory
CERCLA Reportable Quantity: N/A
SARA Title III:
 Section 302 Extremely Hazardous Substances: None
 Section 311/312 Hazardous Categories: Delayed (chronic) health hazard, fire hazard
 Section 313 Toxic Chemicals: None
RCRA Status: None per 40 CFR P 261D
SCAQMD Information: N/A

California Proposition 65: None of the products composing this mixture is listed under Proposition 65

SECTION 16: OTHER INFORMATION

New Jersey Right to Know Information

Hazard Rating System:

	HMIS III Rating	NFPA Hazard Codes
Health	1	1
Flammability	2	2
Reactivity	N/A	0
Physical Hazard	0	N/A

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