

Material Safety Data Sheet Solvent 142

Section 1. Chemical Product and Company Identification

Product Name	Solvent 142	
Product Number	NTN S142	
Manufacturer/ Supplier	NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088	
Phone Number	(801) 253-1000 (Mon-Fri/ 8am- 5pm MT)	
D.O.T. Emergency Phone:	1-800-633-8253	
Date of Preparation	April 17, 2013	Revision Number 1.0

Section 2. Hazards Identification

Emergency overview	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
DANGER!	
	Keep out of reach of children. Keep container closed during storage. For institutional and commercial use.
Potential Acute Health Effects	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Non-corrosive for skin. Non-hazardous in case of inhalation
Routes of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Eyes	Liquid is practically non-irritating to eyes
Skin	Can have de-fatting effect on skin with prolonged or repeated liquid contact.
Inhalation	Vapors may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may result in central nervous system (CNS) depression.
Ingestion	Ingestion of this product may result in vomiting; Aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.
Medical conditions aggravated by exposure:	There is no known effect from chronic exposure to this product.
Potential Chronic Health	Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome")
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Target Organs	
Environmental Effects	

Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Solvent	64742-88-7	100		

Section 4. First Aid Measures

Eye Contact	Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention
Skin Contact	Remove contaminated clothing / shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.
Inhalation	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration of not breathing
Ingestion	Do not induce vomiting. If vomiting occurs spontaneously, Keep head below hips to prevent aspiration of liquid into lungs. Get medical attention.
General Advice	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
Notes to Physician	If more than 2.0 ml per KG has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victims head below hips to prevent aspiration. If symptoms such as gag reflex, convulsions or unconsciousness occur before emesis. Gastric lavage using a cuffed endotracheal tube should be considered

Section 5. Fire Fighting Measures

Flammability	Flammable
Fire Fighting Media and instructions	Use water fog, foam, dry chemical, or CO ₂ . Do not use a direct stream of water. Product will float and can be reignited on surface of water
Products of Combustion	Not available
Special Remarks on Fire Hazards	Caution. Combustible. Do Not enter confined fire space without full bunker gear (Helm with face shield, bunker coats, gloves, and rubber boots) Including a positive pressure NIOSH approved self contained breathing apparatus. Cool fire exposed containers with water.
Special Remarks on Explosion Hazards	Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.
Sensitivity to Mechanical Impact	Not available
Sensitivity to Static Discharge	N/A
Protection of Fire Fighters	See special remarks on Fire Hazards

Section 6. Accidental Release Measures

Personal Precautions	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Methods for Containment	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Environmental Precautions	Dilute with large volumes of water and flush to sewer
Methods for Clean Up	If spilled, contain spill and dilute with water, wash all surfaces with water

Section 7. Handling and Storage

Precautions	After handling always wash hands thoroughly with soap and water.
Incompatibility	Avoid heat, flame and contact with strong oxidizing agents
Storage	<p>Keep out of the reach of children. Not for use or storage in or around the home. Keep liquid and vapor away from heat, sparks and flame. Surfaces that are sufficiently hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Vapors may accumulate and travel to ignition sources distant from the handling site. Flash fire can result. Keep containers closed when not in use. Use with adequate ventilation</p> <p>Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld, or perform similar operations on or near containers. Do not pressurize drum containers to empty them.</p> <p>Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and ground transfers and equipment.</p> <p>Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities.</p>

Keep out of reach of children.
Keep container closed during storage.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	
Personal Protection	Good general ventilation should be sufficient to control airborne levels.
Eyes	Safety glasses or goggles
Body	Lab Coat or apron to avoid prolonged contact with product
Respiratory	Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits (sec IV) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere supplying respirator or an air purifying respirator for organic vapors.
Ventilation	Use explosion-proof ventilation area then launder before reusing.
Hands	Chemical resistant gloves
Protective Clothing (Pictograms)	



Exposure Limits

See Section 2 For Applicable Exposure Limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Yellow Liquid
Molecular Weight	N/A
Ph	N/A
Boiling/Condensation Point	N/A
Melting/Freezing Point	N/A
Critical Temperature	N/A
Instability Temperature	N/A
Specific Gravity	(H2O = 1): N/A
Vapor Pressure	(Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density	(Air = 1)
Volatility	N/A
VOC	N/A
Evaporation Rate	(H2O = 1): 0.03
Dispersion Properties	N/A
Solubility	N/A
The Product is:	
Auto-ignition Temperature	N/A
Flash Points	145 F
Flammable Limits	N/A
Fire Hazards in Presence Of Various Substances	N/A
Explosion Hazards in Presence of Various Substances	N/A
Odor	Hydrocarbon odor
Color	Yellow

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substance	Avoid contact with strong oxidizing agents
Hazardous Decomposition Products	Carbon monoxide and unidentified organic compounds may be formed during combustion

Section 11. Toxicological Information

Routes of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	
Acute Effects on Humans	
Eyes	Liquid is practically non-irritating to eyes
Skin	Can have de-fatting effect on skin with prolonged or repeated liquid contact.
Inhalation	Vapors may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may result in central nervous system (CNS) depression.
Ingestion	Ingestion of this product may result in vomiting; Aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.
Chronic Effects on Humans	There is no known effect from chronic exposure to this product.
Special Remarks on Toxicity to Animals	Not available
Special Remarks on Chronic Effects on Humans	Not available

Section 12. Ecological Information

Ecotoxicity	Not available
BOD5 and COD	Not available
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available
Special Remarks on the Products of Biodegradation	Not available

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available

Section 14. Transport Information

**DOT (U.S.A.)
(Pictograms)**



TDG Classification

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PIN UN, Proper Shipping Name, PG

Petroleum Distillates, N.O.S. UN1268 Guid Sheet 27. Not Regulated by D.O.T. if in a container of 119 Gallon capacity or less

Maritime Transportation

Not available

Special Provisions for Transport

Not available

Section 15. Regulatory Information and Pictograms

Regulatory Lists

No products were found.

Other Regulations

Not available, or of its ingredients

Other Classifications

HCS (U.S.A.) Not controlled under HCS (United States)

USA Regulatory Lists

This product does NOT contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL)
 SARA 302 Extremely Hazardous Substances - Not listed
 SARA 311 - 1. Immediate (acute) health hazard
 2. Delayed (chronic) health hazard
 3. Fire hazard
 SARA 313 Toxic Chemical List – Not listed

DSD (EEC)

This product is not classified according to the EU regulations.

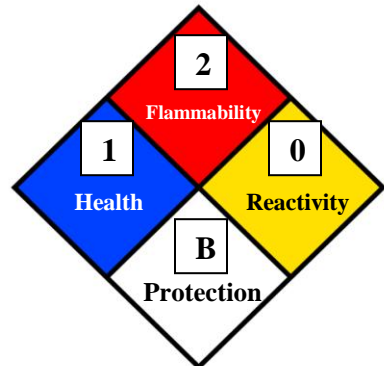
International Regulations Lists

No Products were found.

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)



WHMIS (Classification)

Not controlled under WHMIS (Canada).

The Hazard Ranking systems presented on this MSDS sheet provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Expiry Date

3 (Three Years) from the date of preparation indicated in Section 1.

Validated by

Verified by

Printed

Information Contact

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Validated on

NuTech Specialties, Inc.