

Slidden

MATERIAL SAFETY DATA SHEET

NFPA Codes:

H - 0, F - 2, R - 0

Date last revised: July 8, 1994

I. General Information		
Chemical Name & Synonyms Mineral Spirits	Trade Name & Synonyms MINERAL SPIRITS	
Chemical Family Hydrocarbon Mixture	Formula Mixture	
Proper DOT Shipping Name Naptha Petroleum, 3, UN1256, PGIII	DOT Hazard Classification Combustible Liquid	
Manufacturer National Solvent Corporation	Manufacturer's Phone Number (216) 725-4991	
Manufacturer's Address 955 W. Smith Rd., Medina Ohio 44256	Clientec Phone Number 1-800-424-9300	
II. Ingredients		
Principal Hazardous Components	Percent	Threshold Limit Value (units)
Mineral Spirits		
CAS No. 8052-41-3 *	100	100 PPM
* This product contains 17-19 % Aromatics.		
III. Physical Data		
Boiling Point (C) 149-199 (300-390 F)	Specific Gravity (H2o = 1) 0.79	
Vapor Pressure (mm Hg.) 6 at 41 C (106 F)	Percent Volatile By Volume (%) 100	
Vapor Density (Air = 1) 3.9	Evaporation Rate(Ethyl Ether = 1) 40 x slower	
Solubility in Water Nil	pH N/A	VOC 790 g/liter
Appearance & Odor Clear Liquid, solvent odor.		
IV. Fire & Explosion Hazard Data		
Flash Point (Test Method) 40.6 C (105 F) tag closed cup	Auto-Ignition Temperature 282 C (540 F)	
Flammable Limits % vol.	LEL 0.8	UEL 5.0
Extinguishing Media Water fog, chemical foam, dry chemical powder		
Special Fire Fighting Procedures Wear self-contained breathing apparatus when fighting fire in a confined space.		
Unusual Fire and Explosion Hazards None		

V. Health Hazard Data

OSHA Permissible Exposure Limit 100 PPM	ACGIH Threshold Value 100 PPM
Carcinogen – NTP Program None Known	Carcinogen – IARC Program None Known
Symptoms of Exposure – Eyes: may cause mild eye irritation. Skin: may cause mild skin irritation. Breathing: can cause irritation, dizziness. Swallowing: can cause gastrointestinal irritation.	
Medical Conditions Aggravated By Exposure: None Known	
Primary Route(s) of Entry Inhalation, Skin Entry.	
Emergency First Aid – Ingestion: Call Physician. Do Not induce vomiting. Inhalation: Remove person to fresh air. Give artificial respiration if breathing is interrupted. Eyes: Flush with water for 10–15 minutes. Get Medical Attention. Skin: Wash with soap and water.	

VI. Reactivity Data

Stability Unstable <input checked="" type="checkbox"/> Stable	Conditions to Avoid Sparks and Open Flames	
Incompatibility Will Occur <input checked="" type="checkbox"/> Will not Occur	Materials to Avoid Strong oxidizing agents	
	Conditions to Avoid None	
Hazardous Decomposition Products Carbon Monoxide, Carbon Dioxide		Photo-chemical Reactivity: Yes

VII. Environmental Protection Procedures

Spill Response: Prevent Ignition, Stop Leak. Ventilate Area. Absorb with inert material, containerize for disposal.
Waste Disposal Method: Liquid incineration. Contaminated absorbent may be deposited in a landfill in accordance with Local, State, and Federal regulations.

VIII. Special Protection Information

Eye Protection: Safety goggles	Skin Protection: Solvent resistant gloves
Respiratory Protection (Specific Type) self-contained respirator	Ventilation Recommended Local exhaust
Other Protection: none	

IX. Special Precautions

Hygienic Practices in Handling & Storage: Keep away from Heat, Sparks, and Open Flames. Use with adequate ventilation. Avoid repeated inhalation of vapor and prolonged skin contact.
Precautions for Repairs & Maintenance of Contaminated Equipment None
Other Precautions None