

MATERIAL SAFETY DATA SHEET

MAR 22 1994

NASHUA CORPORATION  
44 Franklin Street  
Nashua, NH 03060

Facility Telephone Numbers

EMERGENCY (603) 880-5555  
INFORMATION (800) 258-1370

NAS-LT-50-TP

SECTION I -- IDENTIFICATION

PRODUCT NAME: 760/765/790/850/895/5030/5040  
7040/7050/7050W Dispersant  
FORMULA: Liquid Organic Mixture  
CHEMICAL FAMILY: Petroleum Organic Solvent

MSDS: 251  
ISSUE DATE: 6/92  
REVISION: 4/93  
DIVISION: NOP

MEDICAL EMERGENCY TELEPHONE (Poison Center):  
TRANSPORTATION EMERGENCY TELEPHONE:

(303) 623-5716  
(603) 880-5555

SECTION II -- HAZARDOUS COMPONENTS (Typical Values)

INGREDIENTS	CAS NO.	WT %	ACGIH (TLV)	OSHA (PEL)
Isopar H (Isoparaffinic Hydrocarbon)	64742-48-9	50%	1900mg/m <sup>3</sup>	*NE
Isopar G (Isoparaffinic Hydrocarbon)	64742-48-9	50%	1900mg/m <sup>3</sup>	*NE

\* None Established

SECTION III -- PHYSICAL DATA

Boiling Point:	323-364°F or (162-184°C)
Melting Point:	Not Applicable
Vapor Pressure (mmHg.):	<10 @ 25°C for Isopar H
Vapor Density (Air = 1):	>5.0 for Isopar H
Evaporation Rate (Butyl Acetate = 1):	0.3 for Isopar H
Volatile Fraction by Weight:	Not Estimated
Solubility in Water (by weight %):	Immiscible
Specific Gravity (H <sub>2</sub> O = 1):	<1.0
pH:	Not Applicable
Appearance:	Clear Liquid
Odor:	Petroleum Solvent Odor

PRODUCT NAME: 760/765/790/850/895/5030/5040/7040  
7050/7050W Dispersant

MSDS #251

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**SECTION IV -- FIRE and EXPLOSION HAZARD DATA**

FLASH POINT: 112°F or 44.0°C Tag Closed Cup

EXTINGUISHING MEDIA: Foam, Dry Chemical, CO<sub>2</sub>.  
Water may be ineffective but should be used to keep fire exposed containers cool.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and a self-contained breathing apparatus to avoid breathing toxic fumes.

UNUSUAL FIRE and EXPLOSION HAZARDS: Emits toxic fumes upon thermal decomposition. Vapors are heavier than air and can flow to a SOURCE OF IGNITION.

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**SECTION V -- HEALTH HAZARD DATA**

- A. SARA--Title III Hazard Categories  
Immediate: See Section V (Acute Exposure Effects)
- B. ACUTE EXPOSURE EFFECTS (NOTE: Pertains to Finished Product)
- Eye Contact: May cause irritation.
- Skin Contact: May cause irritation.
- Inhalation: Normally no problem, but inhalation of mist could cause respiratory irritation.
- Ingestion: May cause irritation of the mucous membranes or digestive tract and minute amounts aspirated into the lungs may cause mild to severe pulmonary injury and possible death.
- C. FIRST AID (Applies to Finished Product)
- Eyes: Immediately flush with plenty of running water for at least 15 minutes. Obtain medical attention.
- Skin: Flush affected areas promptly with water for 15 minutes. Remove contaminated clothing. In case of continued irritation, consult physician.
- Inhalation: For over-exposure, remove to fresh air.
- Ingestion: Obtain immediate medical attention. **DO NOT INDUCE VOMITING.**
- D. CHRONIC HEALTH EFFECTS (NOTE: Pertains to each ingredient listed in Section 2 per 29 CFR Sect. 1910-1200)
- Carbon Black has been tested for mutagenicity on Species S. typhirium with negative result.
- All other ingredients in Section II -- A computerized search of national databases did not yield any chronic effects associated with these materials.

**CARCINOGENICITY LISTING**      NTP    no      IARC    no      OSHA    no

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**SECTION VI -- REACTIVITY DATA**

STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat or flame.

INCOMPATIBILITY: Avoid strong oxidizers such as chlorates, bromates & nitrates.

HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>2</sub>, Carbon Monoxide and Aldehydes.

HAZARDOUS POLYMERIZATION: Will not occur.

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**SECTION VII -- DISPOSAL INFORMATION**

Spill, Leak or Release

NOTE: Review Section IV and Section VIII before proceeding with clean up. Use appropriate **PERSONAL PROTECTIVE EQUIPMENT** during clean up. Dike spill. Prevent liquid from entering sewers, water ways or low areas. Soak up with sawdust, sand, oil dry or other absorbent material.

Waste Disposal

Recover nonusable free liquid, contaminated water and nonuseable solid material and dispose of in an approved and permitted incineration treatment system.

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**SECTION VIII -- SPECIAL PROTECTION INFORMATION**

- A. Respiratory Protection: None needed with working mixtures and normal room ventilation. Wear MSHA/NIOSH approved respirator whenever prolonged exposure to vapor is likely.
  - B. Ventilation: Room ventilation is sufficient. Avoid use of product in unventilated areas.
  - C. Skin & Eye Protection: Simple protection is suggested, e.g., eye glasses with side shields. Chemical gloves and aprons are recommended.
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**SECTION IX -- STORAGE CONDITIONS**

Store in well ventilated area. Keep container tightly closed. Do not store with incompatible materials (see Section vi). Do not store or consume food, drink or tobacco in area where they may become contaminated with this material.

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**SECTION X -- HAZARDOUS REGULATIONS**

- A. DOMESTIC: Non Regulated
  - IMO: Petroleum Distillates (Containing Isoparaffinic Hydrocarbons) Class 3.3, UN 1268
  - IATA/ICAO: Naptha Distillate (Isoparaffinic Hydrocarbon) UN 1268
- B. OSHA Regulations for Labeling
- Carbon Black is listed in OSHA 29 CFR 1910-1000 Table Z-1, and therefore must be listed on any container in the workplace which contains this substance in quantities at one percent or greater.

**SECTION XI -- HAZARD COMMUNICATION**

4 = Extreme	<u>HEALTH</u>	<u>1</u>
3 = High	<u>FLAMMABILITY</u>	<u>2</u>
2 = Moderate	<u>REACTIVITY</u>	<u>0</u>
1 = Slight	<u>SPECIAL</u>	<u>(blank)</u>
0 = Insignificant		

**SECTION XII -- TSCA INFORMATION**

TSCA LISTINGS: All ingredients in this finished product are listed on the EPA TSCA Inventory (see Section II).

**SECTION XIII -- FEDERAL -- SARA TITLE III NOTIFICATION**

Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:  
**NONE**

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**TECHNICAL CONTACT**

Technical Manager, Nashua Office Products  
Nashua Corporation  
44 Franklin Street  
Nashua, NH 03060  
Telephone No. (603) 880-2323