



JEEN INTERNATIONAL
CORPORATION

24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET

Section 1 – Company and Product Identification

Issued by:	JEEN International Corporation 24 Madison Road Fairfield, New Jersey 07004 Tel#: 973-439-1401	Chemtrec Emergency Tel#:	800-424-9300
		*Chemtrec Int'l Emergency Tel#:	703-527-3887 (*Collect Calls Accepted)
		Issuance Date:	October 20, 2003
		Revision Date:	December 16, 2005

Product Trade Name: **JEESPERSE HD**
Chemical Name: Emulsion of 2,2,4,6,6-pentamethylheptane
Chemical Family: Silicone Emulsion
Description: Emulsion of Aliphatic Hydrocarbon
INCI: Isododecane, Dimethicone Crosspolymer-3, Laureth-4, Ceteth-10, Water
CAS Number(s): 13475-82-6, 213629-14-2, 5274-68-0, 9004-95-9, 7732-18-5
EINECS Number(s): 236-757-0, Exempt, Exempt, 500-014-1, 231-791-2
HMIS: Health (NFPA): 1 Flammability (NFPA): 3 Reactivity (NFPA): 0

Section 2 – Hazardous Ingredients

This material contains no ingredients which are known to JEEN International Corp. to be hazardous unless listed below.

CAS Number	Ingredients	
13475-82-6	Heptane, 2,2,4,6,6-pentamethyl	OSHA: Not Established ACGIH: Not Established

EINECS Numbers for Ingredients: 236-757-0

Section 3 – Physical Data

Boiling Point, °C:	100 °C	Volatile, % by Weight:	85
Solubility in Water %:	Dispersible	Appearance @ 25°C:	White Viscous Liquid
Specific Gravity @ 25°C:	0.985	Odor:	Very little odor.
Vapor Pressure, mm Hg 25 °C:	ND	Flash Point, PMCC, °F:	154 °F/ 68 °C
Vapor Density, (Air=1):	ND		

Section 4 – Fire and Explosion Hazard Data

Flash Point: PMCC 154 °F	Flammable Limits in Air, % by Volume:	Unknown
Lower: Undetermined	Upper: Undetermined	
Extinguishing Media:	Use Carbon Dioxide or Dry chemical on small fires. Use foam (alcohol, polymer, or ordinary) and water spray for large fires.	
Special Fire Fighting Procedures:	Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.	
Unusual Fire and Explosion Hazards:	Static electricity is not expected to build up, and product is not sensitive to static.	

Section 5 – Health Hazard Data

Threshold Limit Value: See Hazardous Ingredients Section.
Effects of overexposure: Contact with skin or eyes may cause temporary irritation. Inhalation for short exposures of less than 8 hours should not cause injury. Oral contact from the fingers to the mouth should not injure. Swallowing large amounts may cause digestive discomfort.

Emergency and First Aid Procedures: Flush eyes with copious amounts of water for a minimum of 15 minutes. Wash contacted skin areas with soap and water. If irritation develops, consult a physician. Soaked clothing should be changed.



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET

Page No. 2 of 4 – MSDS – JEESPERSE HD
Section 6 – Spill, Leak and Disposal Procedures

Precautions to protect the Environment: Do not empty into drains, rivers, ditches or rivers by using sand, earth, and other appropriate barriers.
Methods for cleaning up: Action to take for spills: (Use appropriate Safety Equipment) Use absorbent material to collect and contain for disposal. Contain large spills and pump into a suitable tank. Wash area with suitable detergent and thoroughly rinse.
Disposal Method: All Local, State and Federal Regulations concerning health and pollution should be reviewed to determine approved disposal procedures.

Section 7 – Reactivity Data

Stability: Stable Unstable
Incompatibilities (Materials to Avoid): Strong oxidizing material can cause a reaction.
Hazardous Decomposition Products: Silicon dioxide, carbon oxides trace amounts of formaldehyde may form when heated above 300°F.
Hazardous Polymerization: May occur Will not occur
Conditions to Avoid: See above statements.

Section 8 - HANDLING AND STORAGE INFORMATION

Ventilation:
1. Local Exhaust: Recommended
2. Mechanical (general): Recommended
3. Respiratory Protection (type): Canister for organic vapors (i.e. type GMA from Mine Safety Appliance Co.)
Protective Clothing: Clean, body covering clothing.
4. Store in a flameproof, well ventilated area. Avoid electrostatic charges, which may be generated during transfer of product from container
Eye Protection: Safety glasses.
Other Protective Equipment: Eye Fountain and Safety Shower in work area.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed and stored away from heat, sparks and open flame.

Section 9 - TRANSPORTATION INFORMATION

GGVS See/IMDG Code:	3	UN No. NA 1993 MFAG:	310	EmS:	3-07
	PG: III		MPO:	No	
GGVE/GGVS:	Class: 3	No. 31C	RID/ADR:	Class 3	No. 31C
Warning Signs	Hazard no. 30	Substance no. NA 1993			
ADNR:	Class 3	No. 31C	Cat – ICAO/IATA-DGR: 3 NA 1993 III		

TECHNICAL SHIPPING NAME: Combustible Liquid NOS (Contains - Pentamethylheptane)
FREIGHT CLASS BULK: Chemicals, NOI
FREIGHT CLASS PACKAGE: Chemicals, NOI (NMFC 60000)

DOT (HM-181) (DOSMETIC SURFACE)

Proper Shipping Name: Combustible Liquid NOS (Contains Pentamethylheptane)
UN/NA Number: NA 1993
Hazard Class: 3
Packing Group: III
Hazard Label: Combustible Liquid
Hazard Placards: Combustible Liquid



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET

Page No. 3 of 4 – MSDS – JEESPERSE HD

Section 9 - TRANSPORTATION INFORMATION Continued....

SEA TRANSPORT (IMDG)

Proper Shipping Name:	Flammable Liquid NOS (Contains Pentamethylheptane)
UN/NA Number:	UN 1993
Hazard Class Division Number	3
Packing Group:	III
Hazard Label:	Flammable Liquid
Hazard Placards:	Flammable Liquid

ICAO / IATA (AIR)

Proper Shipping Name:	Flammable Liquid NOS (Contains Pentamethylheptane)
Hazard Class:	3
UN/NA Number:	UN 1993
Subsidiary Risk	None
Packing Group:	III
Hazard Label:	Flammable Liquid
Radioactive(?)	Non-radioactive
Passenger Air – Max Qty	60L
Passenger Packing Instruction Number	309
Cargo Air Max Qty	220L
Cargo Packing Instruction Number	310

Section 10 - REGULATORY INFORMATION

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances: None
Section 304 CERCLA Hazardous Substances: None
Section 312 Hazard Class: Acute: Yes Chronic: Yes Fire: Yes Pressure: NO Reactive: NO
Section 313 Toxic Chemicals: None present or none present in regulated quantities.

TSCA Status:	On TSCA Inventory
RCRA Status:	When discarded in its purchased form, this product meets the criteria of ignitability, and should be managed as a hazardous waste (EPA Hazardous Waste Number D001). (40 CFR 261.20-24)

Section 11 - FIRST AID MEASURES

Emergency and First Aid Procedures: Flush eyes with copious amounts of water for a minimum of 15 minutes.
Wash contacted skin areas with soap and water. If irritation develops, consult a physician. Soaked clothing should be changed.

Section 12 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection Equipment:

Respiratory Protection (type): Canister for organic vapors (i.e. type ABEK.) Wear breathing apparatus with separate air supply at higher concentration.
Protective Clothing: Clean, body covering clothing.
Eye Protection: Close fitting goggles.
Other Protective Equipment: Eye Fountain and Safety Shower in work area.

Section 13 - TOXICOLOGICAL INFORMATION

Contact with Eyes and Skin:	May cause temporary irritation.
Inhalation:	For short exposures of less than 8 hours should not cause injury.
Ingestion:	Oral contact from the fingers to the mouth should not injury. Swallowing large amounts may cause digestive discomfort.



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET

Page No. 4 of 4 – MSDS – JEESPERSE HD

Section 14 - DISPOSAL CONSIDERATIONS

Product Disposal: This material must be disposed of as a hazardous waste
Disposal Method: All Local, State and Federal Regulations concerning health and pollution should be reviewed to determine approved disposal procedures.

Section 15 - ECOLOGICAL INFORMATION

Not easily biodegradable
Do not allow to escape into waters, wastewater or soil
Separate with an oil/gasoline separator

Section 16 - Other Information

HMIS: Health (NFPA): 1 Flammability (NFPA): 3 Reactivity (NFPA): 0

These data are offered in good faith as typical values and not as a Product Specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of intended use and determine whether they are appropriate.