



MATERIAL SAFETY DATA SHEETS
QUICK TAC IV / M745-2002, 2005

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HMIS	HEALTH	2	FLAMMABILITY	3	REACTIVITY	0
NFPA	HEALTH	2	FIRE HAZARD	3	REACTIVITY	0

1. Chemical Product Identification

PRODUCT NAME: Quick Tac IV
GENERAL DESCRIPTION: Blend

2. COMPOSITION

	CAS#	%
n-Heptane	142-82-5	95-100
Substituted Amidine	99-97-8	0.01- 0.05

3. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE: Clear Liquid
ODOR: Aliphatic Odor
SPECIFIC GRAVITY: 0.68
BOILING POINT: 205-210 °F
SOLUBILITY IN WATER: immiscible
VAPOR DENSITY: 3.45
VAPOR PRESSURE: 35 mm @ 68 °F
VOLATILE ORGANIC COMPOUND (EPA Method 24): 99.9%; 5.44LB per Gal
EVAPORATION RATE (Ether = 1): 2.7
pH: Does not apply

4. FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: 30 °F (method used TCC.)
FLAMMABLE LIMITS LEL= N/A UEL = N/A
EXTINGUISHING MEDIA Carbon Dioxide, dry chemicals, water
Explosive Limits:
% by volume In air (LOWER) 1.1 %
% by volume in air (UPPER) 6.7%
RECOMMENDED EXTINGUISHING AGENTS: Carbon Dioxide, foam, dry chemicals
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE and EXPLOSION HAZARDS: NONE
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION: Irritating Organic Vapors
COMPRESSED GASES: None
PRESSURE AT ROOM TEMPERATURE: Does Not Apply

5. SPILL OR LEAK & DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

Maintain good ventilation. Avoid ignition sources. Soak up remainder in an inert absorbent and store in a closed container until disposal.

RECOMMENDED METHOD OF DISPOSAL:

Incinerate following EPA federal, state and local regulations.

6. STORAGE & HANDLING PROCEDURES

STORAGE:

Store below 120 °F in a tightly closed container away from oxidizing materials and sources of Ignition.

7. SHIPPING & HANDLING PROCEDURES

DOT (49 CFR 172)

DOMESTIC GROUND TRANSPORT

PROPER SHIPPING NAME:

Consumer Commodity (not more than One liter);

PRIMARY ROUTES OF ENTRY:
contact

Heptane: Inhalation, ingestion,

SIGNS & SYMPTOMS OF EXPOSURE:
unconsciousness.

Dizziness, anesthesia,

EXISTING CONDITIONS:

AGGRAVATED BY EXPOSURE:

None known

Exposure Limits (TWA)

ACGIH (TLV)	OSHA (PEL)	Other
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n-Heptane

400 ppm (TWA)	500 ppm (TWA)	None
1640 mg/M3	1600 mg/M3	

Exposure Limits (STEL)

500 ppm	500 ppm
2050 mg/M3	2050 mg/M3

Ingredients for which no Exposure Limits have been established are not listed above.

INGREDIENTS	Literature Referenced Target organ & Other Health Effects.	NTP	Carcinogen IARC	Other
N-Heptane	Nervous System	NO	NO	NO
Substituted Amidine	No Data			

Hazard class or division

Heptane Solution (More than one liter) Class 3, Packing Group II

IDENTIFICATION NO:

None (Not more than one liter)

MARINE POLLUTANTS:

None

IATA

PROPER SHIPPING NAME:

Heptane Solution

CLASS OR DIVISION:

Class 3, Packing Group II

UN OR ID NUMBER:

UN 1206

8. REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION
PRODUCTS (NON-THERMAL): None
INCOMPATIBILITY: Strong Oxidizers

9. EMERGENCY TREATMENT PROCEDURES

INGESTION: Induce vomiting. Obtain medical attention.
INHALATION: Remove to fresh air. If Symptoms persist, obtain medical attention.
SKIN CONTACT: Wash with soap and water.
EYE CONTACT: Flush at least 15 minutes with water. Obtain medical attention.

10. PERSONAL PROTECTION:

EYES: Safety Glasses or Goggles.
SKIN: Rubber or Plastic Gloves
VENTILATION: Adequate to avoid exceeding TLV

11. HEALTH HAZARD DATA

TOXICITY: Eye irritant. Anesthetic.
Moderately toxic by ingestion.
Residue after evaporation of solvent destructive to tissue of the mucous membranes, and upper respiratory tract, eyes and skin
SHELF LIFE: Twelve (12) months when stored properly in original sealed container.

12. REGULATORY DATA

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