



MATERIAL SAFETY DATA SHEETS

QUICK TAC IV / M745-200

RPM, WFG. 3194 Hickory Blvd. Hudson, NC 28638 Phone: 828-728-8266

Date: June 2002

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% ; 680 grams/liter  
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) 8.7%  
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:

Heptane: Inhalation, ingestion, contact

SIGNS & SYMPTOMS OF EXPOSURE:

Dizziness, anesthesia, unconsciousness.

EXISTING CONDITIONS:

AGGRAVATED BY EXPOSURE:

None known

Exposure Limits (TWA)

ACGIH

OSHA

Other

(TLV)

(PEL)

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)  
ORM-D (Not more than one liter;) Class 3,  
Packing Group II

IDENTIFICATION NO: None (Not more than one liter);  
UN 1206 ( 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.

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