



MATERIAL SAFETY DATA SHEETS

QUICK TAC IV M745-2005

REVISION DATE: 10/99

1. GENERAL INFORMATION

PRODUCT NAME: Quick Tac IV
ITEM NUMBER: 61011
GENERAL DESCRIPTION: Accelerator
COMPANY INFORMATION: RPM, WFG.
3194 Hickory Blvd.
Hudson, NC 28638
Phone: 828-728-8266

2. COMPOSITION

INGREDIENT- CAS# %
n-Heptane 142-82-5 95-100
Substituted Amidine 89-97-8 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: 35mm @ 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

FLASH POINT: 30' P (method used TCC.)
FLAMMABLE LIMITS LEL -' N/A UEL = N/A
EXTINGUISHING MEDIA Carbon Dioxide, dry chemicals, water

HMIS HEALTH 1 FLAMMABILITY 3 REACTIVITY 0
NFPA HEALTH 1 FIRE HAZARD 3 REACTIVITY 0

NOTE: SEE SECTION FOR PERSONAL PROTECTION

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 (49CFR172)

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:

Exposure Limits (TWA)	None known ACGIH (TLV)	OSHA (PEL)	Other
n-Heptane	400 ppm (TWA) 1640 mg/M3	500 ppm (TWA) 1600 mg/M3	None

Exposure Limits (STEL)	500 ppm	500 ppm
2050 mg/M3 2000 mg/M3		

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

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

Heptane Solution (More than one liter)

HAZARD CLASS OR DIVISION; 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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