

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: VIPER RENEW CH49

SECTION 1: PRODUCT INFORMATION

Distributed By: Hydro-Force, 542 West Confluence Ave, Salt Lake City, Utah 84123

Company Phone Number: 801-268-2673

Emergency Phone Number: 1-800-535-5053 (Infotrac)

Date Prepared: 6-15-04

Hazard Rating (Zero=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Fire: 0 Health: 2 Reactivity: 0

SECTION 2: INGREDIENTS

PRINCIPLE HAZARDOUS INGREDIENTS:	Oral LD	<u>Dermal LD</u>	<u>TLV</u>	<u>%</u>
Urea Monohydrochloride	N/E	N/E	N/E	<30%
(CAS# 506-89-8)				

SECTION 3: PHYSICAL DATA

Boiling Point (°F)212	Specific Gravity($H_2O=1$)(1.1)
Vapor Pressure (mmHg.)N/E	Percent Volatile by VolumeN/E
Vapor Density (AIR=1)N/E	PH (1% Solution)(1.0)

Solubility in Water.....Complete

Appearance & Odor......Clear amber liquid with acrid odor

SECTION 4: FIRE, EXPLOSION & REACTIVITY DATA

Flash Point: Non Flammable

Extinguishing Media: Water Spray, carbon dioxide, dry chemical

Special Fire Fighting Procedures: Wear self contained breathing apparatus & full body protection

Unusual Fire and Explosion Hazards: At temperatures above 140°F acid action on most metals may release

hydrogen, a highly flammable and explosive gas

Stability: Considered stable up to 230°F

Chemical Incompatibility: Incompatible with oxidizing agents. May be extremely hazardous in contact with

chlorates or nitrates. Contact with hypochlorites will liberate toxic gases. Contact

with ammonia will generate heat

Hazardous Decomposition or Byproducts: Thermal decomposition may yield oxides of carbon, nitrogen and

chlorine. Hydrogen gas may be released upon contact with certain

Hazardous Polymerization: Will not occur

Conditions to Avoid: Heating above 230°F results in exothermic decomposition with rapid release of carbon

dioxide gas

SECTION 5: HEALTH HAZARD INFORMATION

Route(s) of entry Eyes: Yes Skin: Yes Inhalation: Yes Ingestion: Yes

Health Hazards: **Eyes – Causes burns to eyes**

Skin – Prolonged or repeated contact can cause irritation

Inhalation – Can be irritating to respiratory tract if inhaled as a mist

or if the material is vaporized

Carcinoginicity: Ingestion – May be harmful or fatal if ingested

NPT? No OSHA? N/E IARC Monograph? No

SECTION 6: EMERGENCY AND FIRST AID PROCEDURES

Eyes..... Immediately flush with water for 15 minutes. Get medical attention

Skin..... Immediately flush with mild soap and water for 15 minutes. Get medical attention

if irritation occurs. Remove contaminated clothing and launder before reuse.

Inhalation.. Move to fresh air. If not breathing, give artificial respiration. If breathing is

difficult, give oxygen and get medical attention

Ingestion... **Do not induce vomiting**. If conscious, give 3 to 4 glasses of water to dilute and

get immediate medical attention.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Respiratory Protection... Use NIOSH approved respirator if mists or vapors are created

Protective Clothing...... Use impervious (rubber, nitrile) gloves and clothes that will

prevent contact with skin.

Eye Protection..... Use chemical goggles or full face shield

Ventilation..... Mechanical assisted ventilation may be required

Storage..... Do not store in temperatures above 120°F. Keep containers

closed when not in use. Do not store in metal containers,

especially aluminum.

SECTION 8: SPILL OR LEAK PROCEDURES AND WASTE DISPOSAL

Evacuate and ventilate area. Absorb with chemical absorbent material and sweep up for disposal or contain and collect for reuse. Dike to keep from spreading. Prevent spills from entering sewers or waterways. All disposal must be in accordance with all federal, state and local regulations.

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N/A = Not Applicable N/D = Not Determined N/E = Not Established