



## **413 GRO-TARD II**

### **MSDS Number**

BNJZP

### **National Stock Number**

6850-00F024030

### **Product Name**

413 GRO-TARD II

### **Manufacturer**

NCH CORP

### **Product Identification**

Product ID:413 GRO-TARD II

MSDS Date:03/12/1991

FSC:6850

NIIN:00F024030

MSDS Number: BNJZP

### **Responsible Party**

NCH CORP

IRVING , TX 75015

US

Emergency Phone: (214) 438-1381

Info Phone: (214) 438-1381

Cage: FO921

### **Contractor**

NCH CORP

152170

IRVING, TX 75015

US

214-438-0211

Cage: FO921

### **Ingredients**

#### **Hazards**

LD50 LC50 Mixture:ORAL LD50 (RAT): 4000 MG/KG

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: REDDENING, TEARING, & IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: REDDENING, TEARING, & IRRITATION.

### **First Aid**

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/PLENTY OF SOAP & WATER. INGESTION: DRINK 1 OR 2 GLASSES OF WATER/INDUCE VOMITING BY TOUCHING BACK OF THROAT W/FINGER. DON'T INDUCE VOMITING/GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

### **Fire Fighting**

Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, OR WATER



**SPRAY**  
Fire Fighting Procedures:WEAR FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:STRAY EXPOSED CONTAINERS TO PREVENT STEAM GENERATION.

## Accidental Release

Spill Release Procedures:STOP LEAK. CONTAIN SPILL. REMOVE W/ABSORBANT MATERIAL, THEN DISPOSE IN LABELED CONTAINER.

## Handling

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE IN COOL, DRY PLACE. PLACE CONTAINER ON ITS SIDE TO PREVENT WATER COLLECTING TO TOP OF DRUM.  
Other Precautions:DON'T STORE NEAR SEEDS, FEEDS, FOOD STUFFS. AVOID CONTAMINATING WATER SOURCES. DON'T ALLOW SPRAY DRIFTS TO CONTACT DESIRABLE PLANTS. DON'T GRAZE ANIMALS ON TREATED AREAS. KEEP OUT OF REACH OF CHILDREN & ANIMALS.

## Exposure Controls

Respiratory Protection:USE NIOSH APPROED MASK FOR SPRAY MIST & WHEN >TLV.  
Ventilation:ADEQUATE LOCAL EXHAUST IN CONFINED AREAS TO KEEP  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GOGGLES W/SIDE SHIELDS  
Other Protective Equipment:PROTECTIVE CLOTHING  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:212F  
Vapor Pres:18  
Vapor Density:0.6  
Spec Gravity:1.02  
pH:7.7  
Evaporation Rate & Reference:(BU AC = 1): 0.10  
Solubility in Water:COMPLETE  
Appearance and Odor:TRANSPARENT AMBER LIQUID W/NON-OFFENSIVE  
Percent Volatiles by Volume:96.8%

## Stability

Stability Indicator/Materials to Avoid:YES  
ACID  
Hazardous Decomposition Products:EMITS TOXIC FUMES OF FLUORIDES, NITRIC OXIDES, & SULFUR OXIDES

## Disposal

Waste Disposal Methods:WASTE RESULTING FROM USE OF PRODUCTS MAY BE DISPOSED OF ON SITE OR AT AN APPROVED WASTE DISPOSAL FACILITY. OPEN DUMPING IS PROHIBITED. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

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