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## **TONER CONCENTRATE, VES 4405-8 TYPE H**

### **MSDS Number**

BNBKL

### **National Stock Number**

6850-00N028772

### **Product Name**

TONER CONCENTRATE, VES 4405-8 TYPE H

### **Manufacturer**

GRAPHIC CONTROLS CORP

### **Product Identification**

Product ID:TONER CONCENTRATE, VES 4405-8 TYPE H

MSDS Date:01/01/1989

FSC:6850

NIIN:00N028772

MSDS Number: BNBKL

### **Responsible Party**

GRAPHIC CONTROLS CORP

189 VAN RENSSELAER ST

BUFFALO , NY 14240

US

Emergency Phone: 716-853-7500

Info Phone: 716-853-7500

Cage: 17405

### **Contractor**

GRAPHIC CONTROLS CORP INDUSTRIAL PRODUCTS DIVISION

1309

BUFFALO, NY 14240

US

716-853-7500

Cage: 17405

### **Ingredients**

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

Fraction By Weight: 5%

OSHA PEL3.5 MG/M3

ACGIH TLV: 3.5 MG/M3

NAPHTHOL SPIRITS; (C10, C11 ISOPARAFFINIC HYDROCARBON)

CAS: 64742-48-9

Fraction By Weight: 20-30%

ACGIH TLV: 300 PPM (MFR)

ISOPARAFFINIC HYDROCARBONS; (C10, C11 ISOPARAFFINIC

CAS: 31807-55-3

Fraction By Weight: 5%

ACGIH TLV: 200 PPM (MFR)

LIGROINE; (MINERAL SPIRITS)

CAS: 8032-32-4

RTECS: OI6180000

Fraction By Weight: 55-65%

ACGIH TLV: 100 PPM (MFR)

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:SKIN/EYE IRRITANT: PRLNG/RPTD SKIN

CONTACT WITH THIS PRODUCT TENDS TO REMOVE SKIN OILS POSSIBLY LEADING TO IRRITATION & DERMATITIS. HIGH VAPOR CONCENTRATIONS (> APPROX 1000PPM) ARE IRRITATING TO EYES & RESPIRATORY TRACT, MAY CAUSE HEADACHES AND DIZZINESS, ARE ANESTHETIC, & MAY HAVE OTHER CENTRAL NERV (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:EFTS. ANIMAL STUDIES HAVE SHOWN THAT KIDNEY EFTS CAN OCCUR IN MALE RATS AFTER PRLNG & RPTD INHAL. WHILE EFTS ARE LOW ORDER OF SEVERITY IN ANIMALS, IMPLICATIONS OF THESE RSLTS FOR HUMANS HAVE NOT YET BEEN DETERMINED. LOW ORDER OF ACUTE ORAL TOX, BUT MIN AMT ASPIRATED INTO LUNGS MAY CAUSE SEV PULM INJURY/DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYE: FLUSH WITH WATER FOR AT LEAST 15 MIN. IF IRRITATION PERSISTS, CALL PHYS. SKIN: REMOVE ANY CONTAMINATED CLOTHING AND WASH SKIN THOROUGHLY WITH SOAP AND WATER. INGEST: DO NOT INDUCE VOMIT; CALL PHY S IMMED. INHAL: REMOVE FROM EXPOSURE & CALL PHYS IMMED. IF BRTHG IS IRREGULAR OR HAS STOPPED, START RESUCITATION, ADMINISTER O2, IF AVAILABLE.

## Fire Fighting

Flash Point Method:TCC

Flash Point:100F,38C

Lower Limits:0.8%

Upper Limits:7%

Extinguishing Media:FOAM, WATER SPRAY (FOG), DRY CHEMICAL, CO2.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:DO NOT EXPOSE TO FLAME OR EXCESS HEAT.

## Accidental Release

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. RECOVER FREE PROD. ADD SAND, EARTH OR OTHER SUITABLE ABSORB TO SPILL AREA. MINIMIZE BRTHG VAP & SKIN CONT. VENT CONFINED SPACES. KEEP PROD OUT OF SEWERS & WATERCOURSES BY DIKING OR IMPOUNDING.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:NORMALLY NOT NEEDED. USE NIOSH/MSHA APPROVED

RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .  
Ventilation:USE WITH ADEQUATE VENTILATION.  
Protective Gloves:IMPERVIOUS GLOVES.  
Eye Protection:CHEMICAL WORKERS GOGGLES .  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

## Chemical Properties

HCC:F4  
Boiling Pt:B.P. Text:300F,149C  
Vapor Pres:Spec Gravity:0.75-0.80  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:BLACK LIQUID; MILD ISOPARAFFINIC HYDROCARBON ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT WITH STRONG OXIDANTS SUCH AS LIQ CHLORINE, CONCENTRATED  
O2, SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

## Disposal

Waste Disposal Methods:ASSURE CONFORMITY WITH APPLICABLE FEDERAL, STATE  
AND LOCAL GOVERNMENTAL REGULATIONS.

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