

TI-180

MSDS Number

BBLYK

National Stock Number

6850-00F002900

Product Name

TI-180

Manufacturer

BURMAH TECHNICAL SERVICES INC

Product Identification

Product ID:TI-180
MSDS Date:01/29/1991
FSC:6850
NIIN:00F002900
MSDS Number: BBLYK

Responsible Party

BURMAH TECHNICAL SERVICES INC
408 AUBURN AVE
PONTIAC , MI 48058
US

Emergency Phone: 313-334-4747

Info Phone: 313-334-4747

Preparer: JAK

Cage: 0G5Y4

Contractor

BURMAH TECHNICAL SERVICES INC
PONTIAC, MI 48058
US

313-334-4747

Cage: 0G5Y4

Ingredients

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: BALANCE

SODIUM HYDROXIDE, CAUSTIC SODA, LYE

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 25%

OSHA PEL2 MG/CUM

ACGIH TLV: 2 MG/CUM CEILING

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: SEVERE OR PERMANENT INJURY
(TISSUE DESTROYED/CHANGED). SKIN: SEVERE OR PERMANENT TISSUE
INJURY. INHALATION: SEVERE & POSSIBLY PERMANENT INJURY TO TISSUE.
INGESTION: TISSUE DAMAGE. DEATH MAY RESU LT IF PENETRATION TO VITAL
AREAS OCCURS.
Explanation of Carcinogenicity:NONE

First Aid

First Aid:EYES/SKIN: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS.
INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR
OXYGEN IF NEEDED. INGESTION: DON'T INDUCE VOMITING. DRINK LOTS OF
WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NONE
Extinguishing Media:ANY SUITABLE METHOD
Fire Fighting Procedures:AS APPROPRIATE FOR SURROUNDING FIRE.
Unusual Fire/Explosion Hazard:CONTACT W/ALUMINUM, ZINC & OTHER METALS
CAN GENERATE HYDROGEN WHICH IS EXPLOSIVE.

Accidental Release

Spill Release Procedures:WASH UP SMALL SPILLS W/WATER. NEUTRALIZE LARGE
SPILLS W/WEAK ACID, PREFERABLY ACETIC. SOAK UP W/SAWDUST OR OTHER
ABSORBENT MEDIA. SWEEP UP & PLACE IN A WASTE DISPOSAL CONTAINER.
FLUSH AREA W/WATER.
Neutralizing Agent:WEAK ACID, PREFERABLY ACETIC.

Handling

Handling and Storage Precautions:STORE SEPARATELY FROM ACIDS, METALS &
OTHER ORGANIC MATERIALS.
Other Precautions:AVOID CONTACT W/EYES, SKIN OR CLOTHING. AVOID
INHALING VAPORS, MISTS OR SPRAYS.

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR IF LOCAL EXPOSURE
LIMITS MAY BE EXCEEDED.
Ventilation:SUFFICIENT LOCAL/MECHANICAL
Protective Gloves:BUTYL RUBBER
Eye Protection:FACE SHIELD & CHEMICAL SPLASH GOGGLES
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. DISCARD CONTAMINATED SHOES. WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:>212F
Vapor Pres:10
Vapor Density:1
Spec Gravity:1.525
pH:14
Solubility in Water:MISCIBLE
Appearance and Odor:CLEAR COLORLESS LIQUID, ODORLESS

Stability

Stability Indicator/Materials to Avoid:YES
ACIDS, ORGANICS, ALUMINUM
Hazardous Decomposition Products:HYDROGEN

Disposal

Waste Disposal Methods:DISPOSE OF IN AN APPROVED HAZARDOUS WASTE
FACILITY. NEUTRALIZE DILUTED WASTE W/MURIATIC OR SULFURIC ACID.
DILUTE FURTHER FOR DISPOSAL. MUST FOLLOW ALL FEDERAL, STATE & LOCAL

REGULATIONS.

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