

J.T. BAKER CHEMICAL CO. -- IODINE, 2208 -- 6810-00-241-1188

===== Product Identification =====

Product ID:IODINE, 2208

MSDS Date:03/09/1992

FSC:6810

NIIN:00-241-1188

MSDS Number: BDMLQ

=== Responsible Party ===

Company Name:J.T. BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:800-582-2537

Emergency Phone Num:908-859-2151;800-424-8802/93

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CAGE:5B970

=== Contractor Identification ===

Company Name:J.T. BAKER CHEMICAL COMPANY SUB OF RICHARDSON-VICKS INC

Address:995 ZEPHYR AVE

Box:City:HAYWARD

State:CA

ZIP:94544-7917

Country:US

Phone:UNK

CAGE:5B970

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

===== Composition/Information on Ingredients =====

Ingred Name:IODINE

CAS:7553-56-2

RTECS #:NN1575000

Fraction by Wt:

90-100%  
OSHA PEL:0.1 PPM, C  
ACGIH TLV:0.1 PPM, C

===== Hazards Identification =====

LD50 LC50 Mixture:LD50:(ORAL,RAT) 14 G/KG.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:INHAL:IRRITATION OF MUCOUS  
MEMBRANES, SEVERE IRRITATION OR BURNS OF RESPIRATORY SYSTEM,  
PULMONARY EDEMA, LUNG INFLAMMATION & MAY BE FATAL. SKIN  
CONTACT:SEVERE IRRITATION OR BURN  
S. EYE CONTACT:SE VERE IRRITATION  
OR BURNS, PROLONGED CONTACT MAY CAUSE PERMANENT CORNEAL DAMAGE &  
BLINDNESS MAY OCCUR. (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ:INGEST:IRRITATION & BURNS OF MOUTH &  
THROAT, GASTROINTESTINAL PAIN, NAUSEA, VOMITING, FEVER, SHOCK,  
BLOODY URINE, DIFFICULT BREATHING & MAY BE FATAL. CHRONIC:LUNG  
DAMAGE, THYROID DAMAGE, BLAD DER DAMAGE. TARGET ORGANS:RESPIRATORY  
SYSTEM, EYES, SKIN, CENTRAL NER  
VOUS SYSTEM, CARDIOVASCULAR SYSTEM.  
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

===== First Aid Measures =====

First Aid:INGEST:CALL MD. IF SWALLOWED, DO NOT INDUCE VOMITING. IF  
CONSCIOUS, GIVE WATER, MILK OR MILK OF MAGNESIA. INHAL:REMOVE TO  
FRESH AIR. IF NOT BREATHING, GIVE ARTF RESP. IF BREATHING IS  
DIFFICULT, GIVE O XYGEN. SKIN:IMMEDIATELY FLUSH W/PLENTY OF WATER  
FOR AT LEAST 15 MINUTES. EYES:IMMEDIATELY FLUSH W/PLENTY OF WATER  
  
FOR AT LEAST 15 MINUTES.

===== Fire Fighting Measures =====

Flash Point Method:CC  
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING  
FIRE.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT .  
Unusual Fire/Explosion Hazard:MODERATE OXIDIZER. CONTACT W/OTHER  
MATERIAL MAY CAUSE FIRE.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR NIOSH/MSHA AP

PROVED SCBA & FULL

PROTECTIVE CLOTHING. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER & COVER; REMOVE FROM AREA. FLUSH SPILL AREA W/WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN CORROSION-PROOF AREA. KEEP CONTAINERS OUT OF SUN & AWAY FROM HEAT.

Other Precautions:CORROSIVE. MAY BE FATAL IF SWALLOWED OR INHALED.

CAUSES SEVERE IRRITATION. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID BREATHING DUST. USE W/ADEQUATE VENTILATION.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS IS ADVISED.

Ventilation:USE GENERAL OR LOCAL EXHAUST TO MEET TLV REQUIREMENTS. VENT HOOD.

Protective Glo

ves:RUBBER

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:EMERGENCY EYE WASH & DELUGE SHOWER . UNIFORM & APRON ARE RECOMMENDED. LAB COAT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

PH:5.4 (SATURATED SOLN). MATLS TO AVOID:ACTIVE METALS, POWDERED METALS, CARBIDES, AMMONIUM HYDROXIDE.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:364F/184C

Melt/Freeze Pt:M.P/F.P Text:237F,114C

Vapor

Pres:0.31 @ 20C

Vapor Density:9

Spec Gravity:4.93 (H\*2O=1)

pH:SUPDAT

Solubility in Water:NEGLIGIBLE (