

PHILLIPS PROCESS CO.,INC. -- #1 SOLVENT -- 6850-01-016-3482

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

Product ID:#1 SOLVENT

MSDS Date:07/24/1987

FSC:6850

NIIN:01-016-3482

MSDS Number: BGDQP

=== Responsible Party ===

Company Name:PHILLIPS PROCESS CO.,INC.

Address:192 MILL STREET

City:ROCHESTER

State:NY

ZIP:14614-1022

Country:US

Info Phone Num:716-232-1825

Emergency Phone Num:716-232-1825

CAGE:88303

=== C

Contractor Identification ===

Company Name:PHILLIPS PROCESS CO INC

Address:192 MILL ST

Box:City:ROCHESTER

State:NY

ZIP:14614-1022

Country:US

CAGE:88303

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

Ingred Name:DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)

CAS:123-42-2

RTECS #:SA9100000

Fraction by Wt: 100%

OSHA PEL:50 PPM

ACGIH TLV:50 PPM; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:

YES

Health Hazards Acute and Chronic:ACUTE:EYES-SEVERE

IRRITATION,REDNESS,TEARING,BLURRED VISION. SKIN:MODERATE
IRRITATION,DEFATTING,DERMATITIS. INHALATION:RESPIRATORY
IRRITATION,DIZZINESS,WEAKNESS,FATIGUE,NAUSEA,HEADACHE.
INGESTION:G.I. TRACT IRRITATION,NAUSEA,VOMITING,DIARRHEA.
CHRONIC:RESPIRATORY DISEASE,DERMATITIS.

Effects of Overexposure:EYES:CAN CAUSE SEVERE

IRRITATION,REDNESS,TEARING,BLURRED VISION.SKIN:MODERATE
IRRITATION,DEFATTING,DERMATITIS.INHALATION:RESP

IRATORY

IRRITATION,DIZZINESS,WEAKNESS,FATIGUE,NAUSEA,VOMITING,DIARRHEA,HEAD
ACHE.INGESTION:G.I.TRACT IRRITATION,NAUSEA,VOMITING,DIARRHEA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR 15 MINUTES,GET MEDICAL
ATTENTION. SKIN:WASH WITH SOAP AND WATER. INHALATION:REMOVE TO
FRESH AIR,CALL A DOCTOR. INGESTION:DO NOT INDUCE VOMITING,CALL A

PHYSICIAN IMM EDIATELY.

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

Flash Point Method:CC

Flash Point:117F/47C

Lower Limits:1.8

Upper Limits:6.9

Extinguishing Media:FOAM,CO*2,DRY CHEMICAL

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY
TRAVEL ALONG THE GROUND AND MAY BE IGNITED BY HEAT,FLAMES OR
IGNITION SOURCES.

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===== Accidental Release Measure

s =====

Spill Release Procedures:WEAR PROPER PERSONAL PROTECTION.CONTAIN FREE
LIQUID;USE SUITABLE ABSORBENT INERT MATERIAL AND RECOVER FOR PROPER
DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED
AREA.KEEP AWAY FROM HEAT,OPEN FLAMES AND SPARKS.KEEP CONTAINER
CLOSED WHEN NOT IN USE.

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

Respiratory Pro

tection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC
VAPORS/MIST IF ABOVE TLV/PEL

Ventilation:GENERAL OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL

Protective Gloves:BUTYL RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING & BOOTS

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN.DO NOT BREATHE
VAPOR/MIST.WASH THOROUGHLY AFTER EACH USE;DO NOT USE CONTAMINATED
CLOTHE

Supplemental Safety and Health

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Physical/C
hemical Properties =====

HCC:F4

Boiling Pt:B.P. Text:337F/169C

Vapor Pres:0.8 MMHG

Vapor Density:4.0

Spec Gravity:0.9406

Evaporation Rate & Reference:0.14 (N.BUTYL ACETATE=1)

Solubility in Water:COMPLETE (100%)

Appearance and Odor:COLORLESS LIQUID,FAINT PLEASANT ODOR

Percent Volatiles by Volume:100

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,ALKALIES

Stability Condition to Avoid:EXTREM

E HEAT

Hazardous Decomposition Products:CO OR CO*2 ON DECOMPOSITION

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Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH
LOCAL,STATE AND FEDERAL REGULATIONS.

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