

OCTAGON PROCESS INC. -- 3010251, VV-C-850A TYPE II GR. D (CUTTING FLUID) --
9150-00-252-6385

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

Product ID:3010251, VV-C-850A TYPE II GR. D (CUTTING FLUID)

MSDS Date:02/03/1998

FSC:9150

NIIN:00-252-6385

Status Code:A

MSDS Number: CKZDB

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Inf

o Phone Num:201-945-9400

Emergency Phone Num:201-417-1056

Resp. Party Other MSDS Num.:REV C

Preparer's Name:J.J. BURGARD

Chemtrec Ind/Phone:(800)424-9300

CAGE:82925

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

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

Ingred Name:THIS PRODUCT CONTAINS NO MATERIALS CURRENTLY ON OSHA OR
ACGIH LISTS. IT IS REC

RECOMMENDED THAT EXPOSURE FOR THE TOTAL PRODUCT
BE CLASSIFIED AS OIL MIST IN AIR.

= Wt:100.

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

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

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

Health Hazards Acute and Chronic:EYES: MAY CAUSE REDNESS AND
IRRITATION. PROLONGED/EXCESSIVE MAY CAUSE CHEMICAL CONJUNCTIVITIS.
SKIN: MAY CAUSE IRRITATION AND REDNESS. PROLONGED/EXCESSIVE MAY
CAUSE DEFATTING OF SKIN

AND DERMITITIS. INHALATION: MAY CAUSE
IRRITATION TO THE UPPER RESPIRATORY TRACT. ALSO, MAY CAUSE CNS
DEPRESSION. EXTREME CASES OF PROLONGED EXPOSURE MAY CAUSE
RESPIRATORY DEPRESSION AND OR COMA. INGESTION: MAY CAUSE NAUSEA,
VOMITING, DIARRHEA, AND PAIN AND IRRITATION TO THE GASTROINTESTINAL
TRACT.

Explanation of Carcinogenicity:NO

Effects of Overexposure:EYES: MAY CAUSE REDNESS AND IRRITATION.
PROLONGED/EXCESSIVE MAY CAUSE CHEMICAL CONJUNCTIVITIS. SKIN: MAY
CAUSE I

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EXTREME CASES OF PROLONGED EXPOSURE MAY CAUSE RESPIRATORY
DEPRESSION AND OR COMA. INGESTION: MAY CAUSE NAUSEA, VOMITING,
DIARRHEA, AND PAIN AND IRRITATION TO THE GASTROINTESTINAL TRACT.

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

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

First Aid:EYES: FLOOD WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION
PERSISTS, GET MEDICAL ATTENTION. SKIN: WASH EXPOSED AREAS WITH MILD
SOAP AND WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL
ATTENTION. INHALATION: MOVE VICTIM TO FRESH AIR. IF BREATHING IS
DIFFICULT, GIVE OXYGEN. IF BREATHING IS STOPPED, ADMINISTER
ARTIFICIAL RESPIRATION (MOUTH TO MOUTH IS PREFERRED) IF TRAINED-GET
IMMEDIATE MEDICAL A

TTENTION. INGESTION: DO NOT INDUCE VOMITING.

ADMINISTER 4-8 OZ. OF WATER TO DILUTE STOMACH CONTENTS IF VICTIM IS CONSCIOUS, HAS A GOOD GAG REFLEX AND NO DROOLING. GET IMMEDIATE MEDIAL ATTENTION.

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

Flash Point Method:COC

Flash Point:=198.9C, 390.F

Lower Limits:N.D

Upper Limits:N.D.

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL OR CO2.

Fire Fighting Procedures:DO NOT USE A DIRECT STREAM OF WATER-PRODUCT MAY FL

OAT ON SURFACE OF WATER AND REIGNITE. KEEP FIRE EXPOSED

CONTAINERS COOL WITH WATER FOG. WEAR FULL TURN-OUT GEAR INCLUDING NIOSH-APPROVED SCBA (AS RECO MMENDED BY NFPA).

Unusual Fire/Explosion Hazard:INCOMPLETE COMBUSTION MAY PRODUCE CARBON MONOXIDE AND SULFUR OXIDES.

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

Spill Release Procedures:DIKE AND CONTAIN SPILL. DO NOT ALLOW SPILL TO ENTER DRAINS, SEWERS OR WATERWAYS. RECOVER FREE-LIQUIDS IF POSSIBLE. AB

SORB RESIDUAL SPILL WITH INERT MATERIAL AND PLACE INTO

PROPER CONTAINERS FOR DISPOS AL. ALL RESPONSE ACTIVITIES MUST COMPLY WITH HAZWOPER (29CFR 1910.120). COMPLY WITH ALL SPILL NOTIFICATION REGULATIONS.

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

Handling and Storage Precautions:STORE IN A COOL, SRY PLACE AWAY FROM OXIDIZERS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. CLEAN CONTAMINATED EQUIPMENT BEFORE STARTING ANY REPAIR WORK.

Other Precautions:USE

THIS PRODUCT ONLY AS DIRECTED-SEE MANUFACTURER'S DIRECTIONS.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF HEAVY MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), USE NIOSH/MSHA-APPROVED RESPIRATORY PROTECTION (REFER TO 29C FR 1910.134).

Protective Gloves:RUBBER OR NEOPRENE

Eye Protection:SAFETY GLASSES IF SPLASHING EXPECTED WEAR FACE SHIELD

Other Pro

Protective Equipment: RUBBER APRON FOR SPLASHING. PROVIDE LOCAL EMERGENCY SHOWERS AND EYEWASH STATIONS IN THE WORKPLACE.

Work Hygienic Practices: NONE

Supplemental Safety and Health

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

HCC: V5

Boiling Pt: >260.C, 500.F

Vapor Pres: >10 MMHG

Vapor Density: >1

Spec Gravity: 0.92

Evaporation Rate & Reference: