

OCTAGON PROCESS INC. -- MIL-C-17605 -- 6810-00-726-7944

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Product Identification
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Product ID:MIL-C-17605

MSDS Date:07/14/1993

FSC:6810

NIIN:00-726-7944

MSDS Number: BRKGX

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Info Phone Num:201-313-1187

Emergency Phone Num:201-945-9400/800-424-9300(CHEMTREC)

Prepare

r's Name:J. J. BURGARD

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

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Composition/Information on Ingredients
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Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3; 9293

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Hazards Identification
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LD50 LC50 Mixture:TLV FOR CARBON IS 3.5 MG/M3.

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

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

Health Hazards Acute and Chronic:ACUTE AND CHRONIC- MAY CAUSE EYE IRRITATION AND REDNESS. PROLONGED OR REPEATED EYE CONTACT MAY CAUSE CHEMICAL CONJUNCTIVITIS. NO ADVERSE EFFECTS ARE EXPECTED WITH NORMAL RECOMMENDED USE BY SKIN CONTACT. INHALATION OF CARBON DUST MAY CAUSE SNEEZING, COUGHING. ACCIDENTAL INGESTION MAY CAUSE NAUSEA

EA
AND GI TRACT IRRITATION

Effects of Overexposure:EYE, NOSE, THROAT, UPPER RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION, COUGHING, SNEEZING, REDNESS OF EYES, NAUSEA

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

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 4-8 OZ OF WATER TO DILUTE STOMACH CONTENTS. GET MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER, IT MAY SPREAD THE FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN+PRESSURE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:HARD TO SEE THAT CARBON BLACK IS BURNING. HEAVY DUST ACCUMULATION MAY GENERATE EXPLOSIVE CONDITIONS.

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

Spill Release Procedures:DO NOT ALLOW SPILL TO ENTER DRAINS, SEWERS/WATERWAYS. RECOVER FREE PRODUCT IF POSSIBLE. VACUUM OR SWEEP-UP AND PLACE INTO PROPER CONTAIN

ERS FOR DISPOSAL. COMPLY WITH
ALL SPILL NOTIFICATION REGULATIONS .
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA AWAY FROM
OXIDIZERS AND MOISTURE. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN
USE. DO NOT RAISE DUST.

Other Precautions:MOIST ACTIVATED CARBON MAY ABSORB OXYGEN FROM AIR
CREATING ACUTE OXYGEN DEPLETION. AVOID DUST ACCUMULATIONS IN AIR -
HEAVY DUST CONCE
NTRATIONS MAY GENERATE EXPLOSIVE CONDITIONS. WASH
THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF HEAVILY DUSTY
CONDITIONS EXIST OR IF IRRITATION IS OCCURING, USE NIOSH-APPROVED
RESPIRATORY PROTECTION (REFER TO 29 CFR 1910.134).

Ventilation:USE FORCED VENTILATION TO MINIMIZE DUST CONCENTRATIONS IN
THE WORKPLACE.

Protective Gloves:RUBBER OR NEOPRENE

Eye Protection:DUST-TIGHT G
OGGLES FOR DUSTY CONDITIONS

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE
CLOTHING

Work Hygienic Practices:AVOID BREATHING OF DUST. ALL USERS SHOULD
CONSULT MSDS BEFORE HANDLING THIS MATERIAL. WASH HANDS AND FACE
BEFORE EATING.

Supplemental Safety and Health

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Spec Gravity:3.51

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSO

LUBLE

Appearance and Odor:BLACK AMORPHOUS MASS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, MIXING WITH HYDROCARBONS

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:HARD TO SEE CARBON BLACK IS BURNING.
CAN PRODUCE CARBON MONOXIDE, CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL A

APPLICABLE

FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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