

MOLECULAR PRODUCTS LTD -- OXYGEN CANDLE -- 4460-00-875-4568

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Product Identification
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Product ID:OXYGEN CANDLE

MSDS Date:06/19/1998

FSC:4460

NIIN:00-875-4568

MSDS Number: CJJLL

=== Responsible Party ===

Company Name:MOLECULAR PRODUCTS LTD

Address:MILL END

Box:UNKNOW

City:THAXTED ESSEX CM62LT

Info Phone Num:4401371430676/830998 FAX

Emergency Phone Num:4401371430676/0802534621

Resp. Party

Other MSDS Num.:CAN 1

CAGE:U2360

=== Contractor Identification ===

Company Name:LUGO O C CO INC THE (OCLCO)

Address:321 MAIN ST

Box:City:NEW CITY

State:NY

ZIP:10956-4307

Country:US

Phone:845-708-7080; FAX845-708-7081

Contract Num:SP0760-99-D-7867

CAGE:0FMB1

Company Name:MOLECULAR PRODUCTS LTD (USE FOR 0MF72)

Address:MILL END

Box:City:THAXTED ESSEX CM6 2LT

Country:UK

Phone:44(0)1371830676/830998 FAX

CAGE:U2360

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Composition/Information on Ingredients
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Ingred Name:SOD

IUM CHLORATE
CAS:7775-09-9
RTECS #:FO0525000
> Wt:90.
Other REC Limits:5 MG/M3 (MFR)

Ingred Name:BARIUM PEROXIDE
CAS:1304-29-6
RTECS #:CR0175000
< Wt:4.
Other REC Limits:0.5 MG/M3 (BA); MFR

Ingred Name:IRON POWDER
CAS:7439-89-6
RTECS #:NO4565500
< Wt:3.
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RBT) 1200 MG/KG(NA CHLORATE)
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carc
inogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: BLOOD, KIDNEY,
RESPIRATORY AND GASTROINTESTIANL TRACTS (HMIS). HAZARD
IDENTIFICATION: HARMFUL IF SWALLOWED OR DUST INHALED. RISK OF BLOOD
OR KIDNEY DAMAGE.
Explanation of Carcinogenicity:NONE
Medical Cond Aggravated by Exposure:

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. OBTAIN MEDICAL ATTENTION.
SKIN: DRENCH WITH WATER. OBT
AIN MEDICAL ATTENTION IF SKIN BECOMES
IRRITATED. EYES: IRRIGATE THOROUGHLY WITH CLEAN WATER. OBTAIN
MEDICAL ATTE NTION. INGESTION: WASH OUT MOUTH THOROUGHLY. OBTAIN
MEDICAL ATTENTION.

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

Flash Point:NONE FLAMMABLE
Extinguishing Media:WATER ONLY SUITABLE. DO NOT USE FOAM.
Fire Fighting Procedures:LIBERATES OXYGEN WHEN HEATED TO >300 C AND MAY
CAUSE FIRE OR EXPLOSION IN CONTACT WITH COMBUSTIBLE MATERIALS.
CONTA

INERS NEAR HEAT SOURCE MAY BE REMOVED OR COOLED WITH WATER.
BREATHING APPARATUS, BOOTS, GLOVES

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

Spill Release Procedures:AVOID INHALING DUST. AVOID SKIN AND EYE CONTACT. SODIUM CHLORATE DAMAGES PLANT AND ANIMAL LIFE. DO NOT WASH DUST INTO SEWERS OR WATER COURSE. CONTAIN MATERIAL. COLLECT UP LARGE FRAGMENTS. ABSORB DUST AND SMALL FRAGMENTS IN DAMP SAND THEN SWEEP OR VACUUM UP. DO NOT SWEEP UP DRY DUST BECAU

SE OF RISK OF
IGNITION.

Neutralizing Agent:REDUCING MATERIAL

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

Handling and Storage Precautions:STORE IN A CLEAN DRY ENVIRONMENT. AVOID DIRECT SUNLIGHT OR HEAT. HANDLE WITH CARE AND DO NOT DROP. KEEP AWAY FROM ORGANIC AND COMBUSTIBLE MATERIALS.

Other Precautions:DO NOT OPEN CAN UNTIL READY FOR USE. CANDLE MAY IGNITE IF TEMPERATURE EXCEEDS 300F (149C). NEVER ALLOW WATER, OIL, GREASE OR COMBUSTIBLES TO CONTACT CANDLE.

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

Respiratory Protection:CLASSIFIED DUST MASK RECOMMENDED

Protective Gloves:GENERAL PURPOSE RUBBER GLOVES

Eye Protection:GLASSES TO PROTECT AGAINST DUST.

Other Protective Equipment:BREATHING APPARATUS, BOOTS, GLOVES

Work Hygienic Practices:WASH AFTER SKIN CONTACT.

Supplemental Safety and Health

PART NUMBER: DWG 16236 CS-4460-0001

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

Melt/Freeze Pt:~200.C

, 392.F

M.P/F.P Text:APPROX

Decomp Temp:~300.C, 572.F

Decomp Text:APPROX

Spec Gravity:2

Solubility in Water:PARTIAL

Appearance and Odor:GRAY COLOURED SOLIDS WITH NO ODOR

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

Hazardous Decomposition Products:DECOMPOSES TO PRODUCE OXYGEN ON HEATING OR IGNITION. STRONG ACIDS, CHLORINE AND CHLORINE DIOXIDE ARE EVOLVED CAN BURN WITH EXPLOSIVE. VIOLENCE IF ORGANIC MATERIALS ARE PRESENT.

===== Toxicological In

formation =====

Toxicological Information:SODIUM CHLORATE: LD50 = 1200 MG/KG (RBT.
BARIUM PEROXIDE: LD50 = UNKNOWN.

===== Ecological Information =====

Ecological:RISK OF DAMAGE TO ANIMAL OR PLANT LIFE.

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

Waste Disposal Methods:DISPOSAL BY LICENSED CONTRACTOR AND CARRIER.
MATERIAL IS A SPECIAL WASTE UNDER UK LEGISLATION.

===== MSDS Transport Information =
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Transport Information:TARSPORT CLASSIFICATION: OXYGEN GENERATOR,
CHEMICAL. UN NUMBER: 3356. AHZARD CLASS: 5.1 OXIDIZER. PACKING
GROUP: II. SUBSIDIARY RISK: HARMFUL.

===== Regulatory Information =====

SARA Title III Information:NO DATA PROVIDED BY MANUFACTURER
Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER
State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER.

===== Other Information ===
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