

MOLECULAR PRODUCTS LTD -- OXYGEN CANDLE (IGNITER) -- 4460-00-875-4568

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

Product ID:OXYGEN CANDLE (IGNITER)

MSDS Date:11/22/2000

FSC:4460

NIIN:00-875-4568

Status Code:A

Kit Part:Y

MSDS Number: CKWKX

=== Responsible Party ===

Company Name:MOLECULAR PRODUCTS LTD

Address:MILL END

Box:UNKNOWN

City:THAXTED ESSEX CM62LT

Info Phone Num:4401371430676/830998 FAX

Emergency Phone Num:4401371430676/0802534621

Resp. Party Other MSDS Num.:CAN

1 ISSUE NO: 7

Preparer's Name:A. MCKERNAN

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

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

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Ingred Name:PHOSPHORUS (RED)

CAS:7723-14-0

RTECS #:TH3495000

Fraction by Wt: 300 C

AND MAY CAUSE FIRE OR EXPLOSION IN CONTACT WITH COMBUSTIBLE  
MATERIALS. CONTAINERS NEAR HEAT SOURCE MAY BE REMOVED OR COOLED  
WITH WATER.

===== 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. C

COLLECT UP

LARGE FRAGMENTS. ABSORB DUST AND SMALL FRAGMENTS IN DAMP SAND THEN SWEEP OR VACUUM UP. DO NOT SWEEP UP DRY DUST BECAUSE OF RISK OF IGNITION.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

===== 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.  
Ventilation:NO DATA PROVIDED BY MANUFACTURER  
Protective Gloves:GENERAL PURPOSE RUBBER GLOVES  
Eye Protection:GLASSES TO PROTECT AGAINST DUST.  
Other Protective Equipment:BREATHING APPARATUS, BOOTS, GLOVES  
Work Hygien  
ic Practices:WASH AFTER SKIN CONTACT.

Supplemental Safety and Health

PART NUMBER: DWG 16236 CS-4460-0001. DLA-HMIS STAFF: THIS MSDS & A  
COMPANION WERE IMPLEMENTED DUE TO THE NSN CONTAINING TWO  
COMPONENTS: CANDLE & AN IGNITER (MATCH) WHICH HAVE DIFFERENT  
SHIPPING NAMES. THIS RECORD IS FOR THE MATCH, SERIAL NUMBER: CKWKW  
IS FOR THE CANDLE. DESIGNATED A KIT BECAUSE OF TWO COMPONENTS.

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

HCC:D1

Melt/Freeze Pt:=200.C

, 392.F

M.P/F.P Text:APPROXIMATE

Decomp Temp:=300.C, 572.F

Decomp Text:APPROXIMATE

Spec Gravity:2

Solubility in Water:PARTIAL

Appearance and Odor:GRAY COLOURED SOLIDS WITH NO ODOR

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

FUELS, ORGANIC MATERIALS.

Stability Condition to Avoid:NO DATA PROVIDED BY MANUFACTURER.

Hazardous Decomposition Products:DECOMPOSES TO PRODUCE OXYGEN ON  
HEATING OR IGNITION. STRONG ACIDS, CHLORINE AND CHLORINE DIOXIDE  
ARE EVOLVED CAN BURN WI

TH EXPLOSIVE. VIOLENCE IF ORGANIC MATERIALS  
ARE PRESENT.

===== Toxicological Information =====

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.  
MA  
TERIAL IS A SPECIAL WASTE UNDER UK LEGISLATION.

===== MSDS Transport Information =====

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 Regula  
tory Information:NO DATA PROVIDED BY MANUFACTURER.

===== Other Information =====

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