

ATLAS CHEMICAL CORP -- GIANT DESTROYER -- 6840-00N011586

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Product Identification  
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Product ID:GIANT DESTROYER  
MSDS Date:05/16/1984  
FSC:6840  
NIIN:00N011586  
MSDS Number: BJKJT  
=== Responsible Party ===  
Company Name:ATLAS CHEMICAL CORP  
Box:141  
City:CEDAR RAPIDS  
State:IA  
ZIP:52406  
Country:US  
Info Phone Num:319-377-8921  
Emergency Phone Num:319-377-8921  
Preparer's Name:D.R.WITHERELL  
CAGE:ATLAS  
=== Contractor Identification ===  
Company Name:ATLAS CHEMICAL CORP  
Box:141  
City:CEDAR RAPIDS  
State:IA  
ZIP:52406  
Country:US  
Phone:319-377-8921  
CAGE:ATLAS

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Composition/Information on Ingredients  
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Ingred Name:SODIUM NITRATE (NANO\*3).MP:113C,235F.  
CAS:7631-99-4  
RTECS #:WC5600000  
Fraction by Wt: 46.2%  
Other REC Limits:N/K  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:SULFUR.MP:308F,153C.  
CAS:7704-34-9  
RTECS #:WS4250000  
Fraction by Wt: 34.8%  
Other REC Limits:N/K  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:INERT MATERIAL  
Fraction by Wt: 10.3%  
Other REC Limits:N/K  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:GRAPHITE, SYNTHETIC  
CAS:7440-44-0  
RTECS #:FF5250100

Fraction by Wt: 8.7%  
Other REC Limits:N/K  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 TDUST; 9293

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

LD50 LC50 Mixture:N/K  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF  
OVEREXPOSURE.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES:IRRIT.SKIN:IRRIT.NOTE:SO\*2,SO\*3 GASES  
GENERATED WHEN PROD IS LIT.GASES REACT W/ H\*2O ON SKIN SURF TO FORM  
SULFUROUS & SULFURIC ACID.INGEST:INGEST OF SOLIDS ALMOST TOTALLY  
HARMLESS (MFR).INHAL:LUN G IRRIT.NOTE:SO\*2,SO\*3 GASES GENERATED  
WHEN PROD IS LIT.GASES REACT W/ LUNG TISSUE TO FORM SULFUROUS &  
SULFURIC ACID.  
Medical Cond Aggravated by Exposure:N/K

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

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.SKIN:WASH WITH  
SOAP AND WATER.INGESTION:CALL MD IMMEDIATELY .INHALATION:REMOVE TO  
FRESH AIR.PROVIDE OXYGEN.CAUTION:NEVER GIVE FLUIDS OR INDUCE VOMIT  
ING IF PATIENT IS UNCONSCIOUS OR HAVINGCONVULSIONS.

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

Flash Point Method:CC  
Flash Point:405F,207C  
Extinguishing Media:WATER FOG,FOAM,CO\*2.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE.HAZARDOUS DECOMPOSITION  
PRODUCTS:SO\*2,SO\*3.

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

Spill Release Procedures:WASH AWAY SMALL AMOUNTS WITH WATER.  
Neutralizing Agent:N/K

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

Handling and Storage Precautions:STORE IN DRY AREA AWAY FROM STRONG  
OXIDIZING AGENTS & HIGH TEMP.PROD FOR OUTSIDE USE ONLY.USER SHOULD  
WALK AWAY IF GASES IRRITATE LUNGS,EYES,SKIN.  
Other Precautions:COMPLETE INSTRUCTIONS FOR THE SAFE USE OF THE PRODUCT  
ARE INCLUDED ON THE BACK OF THE MOUNTING CARD.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR  
EXPOSURE OF CONCERN .  
Ventilation:LOCAL AND GENERAL VENTILATION NECESSARY TO KEEP AIR  
CONCENTRATION BELOW TLV .PRODUCT IS USED IN OPEN AREAS.

Protective Gloves:NONE  
Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:NO SPECIAL CLOTHING REQUIRED.  
Work Hygienic Practices:N/K  
Supplemental Safety and Health  
ROUTES OF ENTRY:SKIN CONTACT,EYE CONTACT (MFR);INGESTION/SKIN .

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

Melt/Freeze Pt:M.P/F.P Text:SEE SUPP  
Decomp Temp:Decomp Text:N/K  
Spec Gravity:2.0 (WATER=1)  
Solubility in Water:56.5% BY WEIGHT  
Appearance and Odor:MEDIUM GRAY MIXTURE.  
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
OXIDIZING MATERIALS  
Stability Condition to Avoid:FIRE  
Hazardous Decomposition Products:SO\*2,SO\*3  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH  
FEDERAL,STATE AND LOCAL REGULATIONS .