

FMC CORPORATION,PEROXYGEN CHEMICAL DIV -- SP-4G SODIUM PERSULFATE --  
6850-01-134-7137

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

Product ID:SP-4G SODIUM PERSULFATE

MSDS Date:01/22/1991

FSC:6850

NIIN:01-134-7137

MSDS Number: BGNJX

=== Responsible Party ===

Company Name:FMC CORPORATION,PEROXYGEN CHEMICAL DIV

Address:2000 MARKET STREET

City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Info Phone Num:716-876-83

00, 215-299-6000

Emergency Phone Num:303-595-9048,800-424-9300(CHEMTREC)

Preparer's Name:CHRIS WILLIAMS

CAGE:97583

=== Contractor Identification ===

Company Name:A-1 CONSOLIDATED INC

Address:COEUR D ALENE INDUSTRIAL PARK

Box:City:COEUR D ALENE

State:ID

ZIP:83814-8937

Country:US

Phone:208-765-3280

CAGE:2P655

Company Name:FMC CORP CHEMICAL PRODUCTS GROUP

Address:2000 MARKET ST.

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3230

Country:US

Phone:215-200-6000

CAGE:93090

Company Name:FMC CORPORATION,INDUS

TRIAL CHEMICAL GROUP  
CAGE:97583  
Company Name:KEPRO CIRCUIT SYSTEMS INC  
Address:630 AXMINISTER DR  
Box:City:FENTON  
State:MO  
ZIP:63026-2906  
Country:US  
Phone:314-343-1630  
CAGE:52519

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Composition/Information on Ingredients  
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Ingred Name:DISODIUM PEROXYDISULFATE  
CAS:7775-27-1  
RTECS #:SE0525000  
Fraction by Wt: 99%  
Other REC Limits:5 MG/M3 (MFR)

Ingred Name:ACTIVATOR  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD5  
0 LC50 Mixture:ORAL LD50 (RAT) IS 895 MG/KG  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: CONTACT IS NOT IRRITATING. DUST  
MAY BE IRRITATING. SKIN: CONTACT IS NOT IRRITATING. MAY BE  
SENSITIZER TO ALLERGIC PERSONS. ALLERGIC PERSON MAY DEVELOP  
DERMATITIS. INHALATION: NO SIGNIFICANT HAZARD. ALLERGIC PERSON MAY  
DEVELOP ASTHMA.INGESTION: SLIGHTLY HAZARDOUS.  
Effects of Overexposure:EYES:  
IRRITATION. SKIN: ALLERGIC PERSONS MAY  
DEVELOP DERMATITIS. INHALATION: ALLERGIC PERSON MAY DEVELOP ASTHMA.  
INGESTION: SLIGHTLY HAZARDOUS.  
Medical Cond Aggravated by Exposure:ALLERGIC PERSONS MAY DEVELOP  
DERMATITIS AND ASTHMA.

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First Aid Measures  
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION OCCURS  
AND PERSISTS GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER.  
IF IRRITATION PERSISTS GET MEDICAL ATTENTI

ON. INHALATION: MOVE TO FRESH AIR. IF DISCOMFORT OCCURS AND PERSISTS GET MEDICAL ATTENTION. INGESTION: DRINK WATER. GET MEDICAL ATTENTION.

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

Flash Point:NONCOMBUSTABLE

Extinguishing Media:DELUGE WITH WATER.DO NOT USE CARBON DIOXIDE OR OTHER GAS-FILLED EXTINGUISHER.THEY HAVE NO EFFECT ON DECOMPOSING PRODUCT.

Fire Fighting Procedures:NONCOMBUSTIBLE. CONSIDER MATERIAL AS A STRONG OXIDIZER WITH ACIDIC MIST ALSO BEING PRESENT.

Unusual Fire/Explosion Hazard:DECOMPOSES WHEN HEATED WITH LIBERATION OF OXYGEN WHICH MAY INTENSIFY FIRE IN COMBUSTIBLE SURROUNDINGS.

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

Spill Release Procedures:MATERIAL SHOULD BE PUT INTO AN APPROVED DOT CONTAINER THEN DILUTED WITH LARGE QUANTITY OF WATER FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage

Precautions:STORE IN CLOSED CONTAINERS IN A COOL, CLEAN, DRY PLACE AWAY FROM HEAT SOURCES. AVOID CONTAMINATION OF OPENED PRODUCT. AVOID PROLONGED SKIN CONTACT.

Other Precautions:USE CLEAN PLASTIC OR STAINLESS STEEL SCOOPS, SHOVELS FOR REMOVAL OF PRODUCT FROM SHIPPING CONTAINER. METALS OTHER THAN STAINLESS STEEL ARE APT TO CAUSE DECOMPOSITION OF PERSULFATE SOLUTIONS . TAKE CARE THAT PRODUCT IS NOT CONTAMINATED.

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

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Respiratory Protection:WHEN EXPOSURE ABOVE ESTABLISHED STANDARD IS LIKELY, RESPIRATORY EQUIPMENT SUCH AS A DUST MASK APPROVED BY NIOSH/MSHA SHOULD BE IMPLEMENTED.

Ventilation:USE ONLY IN WELL VENTILATED AREAS. CONTROL DUST IN WORK PLACE AREA AT OR BELOW PROPOSED TLV (5 MG/M3).

Protective Gloves:GENERAL PURPOSE OR MEOPRENE GLOVES.

Eye Protection:CHEMICAL TYPE GOGGLES FOR SPLASHING.

Other Protective Equipment:GENERAL PURPOSE RUBBER OR NEOPRENE FOOTWEAR ARE RECOMMENDED.

Work

Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
MSDS DATED SEPT 1982.

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

HCC:D1  
Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES  
Vapor Pres:NONE  
Spec Gravity:2.6  
Solubility in Water:43%  
Appearance and Odor:WHITE CRYSTALS. NO ODOR.

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

Stability Indicator/Materials  
to Avoid:NO  
ACIDS, ALKALIS, HALIDES, COMBUSTIBLE MATERIALS, HEAVY METALS,  
OXIDIZABLE MATERIALS, REDUCING AGENTS, MOISTURE.  
Stability Condition to Avoid:HEAT, MOISTURE, REDUCING AGENTS,  
(DECOMPOSES WITH EXOTHERMIC REACTION).  
Hazardous Decomposition Products:FUMES OF SULFURIC ACID MIST, OXYGEN  
WHICH SUPORTS COMBUSTION, AND OXIDES OF SULFUR AND NITROGEN.

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

Waste Disposal Methods:DISSOLVE IN WATER AND DISPOSE VIA A TREAT  
MENT  
SYTEM IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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