

MOON CHEMICAL PRODUCTS CO -- 041297, QUALCHEM 53009A, CORROSION INHIBITOR,  
MIL-A-53009A -- 6850-01-160-3868

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

Product ID:041297, QUALCHEM 53009A, CORROSION INHIBITOR, MIL-A-53009A

MSDS Date:01/01/1998

FSC:6850

NIIN:01-160-3868

Status Code:A

MSDS Number: CKTJH

=== Responsible Party ===

Company Name:MOON CHEMICAL PRODUCTS CO

Address:8112 SW 8TH STREET

City:OKLAHOMA

CITY

State:OK

ZIP:73128

Country:US

Info Phone Num:405-787-2310

Emergency Phone Num:800-255-3924

CAGE:UO038

=== Contractor Identification ===

Company Name:MOON CHEMICAL PRODUCTS CO

Address:8112 SW 8TH STREET

Box:City:OKLAHOMA CITY

State:OK

ZIP:73128

Country:US

Phone:405-787-2310 FAX 4057874304

CAGE:UO038

Company Name:QUALCHEM CO DIV OF GREEN GLOBE INDUSTRIES INC

Address:600 MEADOWLANDS PKY NO 20

Box:City:SECAUCUS

State:NJ

ZIP:07094

Country:US

Phone:800-327-3456 FAX: 201-842-1307

Contract Num:SP0

450-00-M-SJ22  
CAGE:07XT7

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Composition/Information on Ingredients  
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Ingred Name:SODIUM MERCAPTOBENZOTHIAZOLE  
CAS:2492-26-4  
= Wt:3.

Ingred Name:SODIUM METABORATE  
CAS:1330-43-4  
RTECS #:ED4588000  
= Wt:19.  
ACGIH TLV:1 MG/M3

Ingred Name:POTASSIUM SILICATE  
CAS:1312-76-1  
= Wt:2.

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
= Wt:76.

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Hazards Identification  
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LD50 LC50 Mixture:NOT PROVIDED BY RESPONSIBLE PARTY.

Reports of Ca

rcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT: MAY CAUSE IRRITATION OR BURNS ON PROLONGED CONTACT. INHALATION: HIGH VAPOR CONCENTRATIONS MAY CAUSE DIZZINESS OR NAUSEA AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. SKIN CONTACT: PROLONGED C ONTACT MAY IRRITATE THE SKIN OR DRY THE SKIN CAUSING DERMATITIS. INGESTION: INGESTION MAY CAUSE IRRITATION TO THE DIGESTIVE TRACT RESULTING IN NAUSEA AND/OR VOMITING.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS LISTED AS PROBABLE CARCINOGENS.

Effects of Overexposure:EYE CONTACT: MAY CAUSE IRRITATION OR BURNS ON PROLONGED CONTACT. INHALATION: HIGH VAPOR CONCENTRATIONS MAY CAUSE DIZZINESS OR NAUSEA AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. SKIN CONTACT: PROLONGED C ONTACT MAY IRRITATE THE SKIN OR DRY THE SKIN CAUSING DERMATITIS. INGESTION: INGESTION MAY CAUSE IRRITATION TO THE DIGESTIVE TRACT RESULTING IN NAUSEA AND/OR VOMITING.

Medical Co

nd Aggravated by Exposure:NOT PROVIDED BY RESPONSIBLE PARTY.

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

First Aid:INHALATION: REMOVE TO FRESH AIR, ADMINISTER OXYGEN, SEEK MEDICAL ATTENTION. EYE CONTACT: FLUSH WITH WATER, SEEK MEDICAL ATTENTION. SKIN CONTACT: FLUSH WITH WATER, REMOVE CONTAMINATED CLOTHES. IF IRRITATION OCCURS SEEK MEDICAL ASSISTANCE. INGESTION: GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING, SEEK MEDICAL ATTENTION. NOTE TO PHYSICIAN: ALL TREATMENTS SHOULD BE BASED ON OBSERVED SIGNS AND SYMPTOMS OF DISTRESS. THE PRINCIPAL MANIFESTATION OF OVEREXPOSURE IS CORROSION OR BURNS.

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

Flash Point Method:TCC  
Flash Point:NONE TO BOILING  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:WATER FOG, FOAM, CARBON DIOXIDE, DRY CHEMICAL.  
Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS. USE WATER TO COOL FIRE EXPOSED CONTAINERS.  
Unusual  
Fire/Explosion Hazard:CONTAINERS CAN RUPTURE AND EXPLODE UNDER FIRE CONDITIONS DUE TO PRESSURE AND VAPOR BUILDUP.

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

Spill Release Procedures:ABSORB ON FIRE RETARDANT MATERIAL. DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS. REPORT SPILL.  
Neutralizing Agent:NOT PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:KEEP IN A COOL DRY PLACE. KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STORE NEAR FOOD.  
Other Precautions:NOT PROVIDED BY RESPONSIBLE PARTY.

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

Respiratory Protection:NONE NEEDED UNDER NORMAL CONDITIONS.  
Ventilation:NOT PROVIDED BY RESPONSIBLE PARTY.  
Protective Gloves:CHEMICAL RESISTANT GLOVES.  
Eye Protection:GOGGLES, SAFETY GLASSES, FULL FACE SHIELD RECOMMENDED DURING OPERATIONS.  
Other Protective Equipment:NOT PROVIDED BY

RESPONSIBLE PARTY.

Work Hygienic Practices:NOT PROVIDED BY RESPONSIBLE PARTY.

Supplemental Safety and Health

NOT PROVIDED BY RESPONSIBLE PARTY.

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

HCC:B1

Boiling Pt:=100.C, 212.F

Melt/Freeze Pt:=30.C, 86.F

M.P/F.P Text:~30F

Vapor Pres:17 MM OF HG

Vapor Density:NE

Spec Gravity:1.202 15.5/15.5F

Viscosity:14CPS

Evaporation Rate & Reference:1(WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR ALKALINE LIQUID WITH BL  
AND ODOR.

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

Stability Indicator/Materials to Avoid:YES

ACIDS, REDOX AGENTS.

Stability Condition to Avoid:NOT PROVIDED BY RESPONSIBLE PARTY.

Hazardous Decomposition Products:OXIDES OF SULFUR AND NITROGEN.

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

Toxicological Information:EYE: MAY PRODUCE REDNESS, BURNING, AND  
STINGING. PROLONGED AND/OR REPEATED CONTACT MAY CAUSE CHEMICAL  
CONJUNCTIVITIS WHICH MA

Y CAUSE BLINDNESS. SKIN: MAY CAUSE REDNESS,  
FLAKING AND DRYING OF SKIN. PRO LONGED AND/OR REPEATED CONTACT MAY  
CAUSE DERMATITIS AND BURNS. INGESTION: MAY CAUSE NAUSEA, VOMITING,  
DIARRHEA AND IRRITATION AND/OR BURNS TO THE DIGESTIVE TRACT.  
INHALATION: MAY CAUSE IRRITATION AND. OR BURNS TO THE BRONCHIAL  
MEMBRANES AND/OR PULMONARY EDEMA. SUBCHRONIC: UNKNOWN.  
CHRONIC/CARCINOGENICITY: NOT LISTED AS A KNOWN CARCINOGEN.  
TERATOLOGY: DOES NOT CONTAIN ANY TERATOGENS. SEE SUPPLE

MENTA L.

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

Ecological:ECOTOXICOLOGICAL INFORMATION: ENVIRONMENTAL FATE AND EFFECTS ARE NOT ESTABLISHED. PRODUCT CONTAINS SURFACTANTS WHICH MAY CAUSE LOCALIZED FISH KILL, NO PERSISTENT EFFECTS WILL RESULT.

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

Waste Disposal Methods:SUITABLE FOR DISPOSAL BY AN APPROVED FACILITY OR CAN BE DISPOSED OF IN ANY GOVERNMENT APPROVED WASTE SITE.

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

Transport Information:DOT SHIPPING NAME: CORROSIVE, N.O.I. TECHNICAL SHIPPING NAME: CORROSIVE, N.O.I. DOT HAZARD CLASS: N/A. UN/NA NUMBER: N/A. PRODUCT RQ (LBS): N/A. DOT LABEL: NOT REGULATED - NONE REQUIRED. DOT PLACARD: CORROSIVE. NOTE: DLA-HMIS DISAGREES WITH PLACARDING AN OTHERWISE NON-REGULATED ITEM (49 CFR 172.502(A) (1)(I)).

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

SARA Title III Information:SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE. SECTION 311/312 HAZARDOUS CATEGORIES: NONE. SECTION 313 TOXIC CHEMICALS: NONE.

Federal Regulatory Information:RCRA STATUS: NONE PER 40 CFR 261D. CERCLA REPORTABLE QUANTITY: NONE. TSCA STATUS: ALL INGREDIENTS ARE IN THE TSCA INVENTORY.

State Regulatory Information:SCAQMD INFORMATION: N/A. CALIFORNIA PROPOSITION 65: NONE OF THE PRODUCTS COMPOSING THIS MIXTURE IS LISTED UNDER PROPOSITION 65. NEW JERSEY RIGHT-TO-KNOW INFORMATION:

SODIUM MERCAPTOBENZOTHAZOLE, CAS# 2492-26-4; SODIUM METABORATE, CAS# 1330-43-4; POTASSIUM SILICATE, CAS# 1312-76-1; WATER, CAS# 7732-18-5.

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

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