

SIGMA CHEMICAL CO -- CROMOLYN SODIUM, C0399 -- 6505-00N093149

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Product Identification
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Product ID:CROMOLYN SODIUM, C0399
MSDS Date:01/01/1999
FSC:6505
NIIN:00N093149
Status Code:A
MSDS Number: CJXJY
=== Responsible Party ===
Company Name:SIGMA CHEMICAL CO
Box:14508
City:ST LOUIS
State:MO
ZIP:63178
Country:US
Info Phone Num:314-771-5765
Emergency Phone Num:314-771-5765
CAGE:21076
=== Contractor Identification ===
Company Name:SIGMA CHEMICAL COMPANY
Address:3050 SPRUCE ST
Box:14508
City:ST LOUIS
State:MO
ZIP:63178
Country:US
Phone:314-771-5765
CAGE:21076

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Composition/Information on Ingredients
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Ingred Name:CROMOLYN SODIUM
CAS:15826-37-6
RTECS #:DJ2380000
= Wt:100.
Other REC Limits:N/K
OSHA PEL:N/K
OSHA STEL:N/K
ACGIH TLV:N/K
ACGIH STEL:N/K

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Hazards Identification
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LD50 LC50 Mixture:SEE TOXICOLOGICAL INFORMATION.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MAY BE HARMFUL BY INHALATION,
INGESTION, OR SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY
TRACT. EXPOSURE CAN CAUSE TRANSIENT BRONCHOSPASM, WHEEZING, AND
NAUSEA. TO THE BEST OF MANUFACTURER'S KNOWLEDGE, THE CHEMICAL,
PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY
INVESTIGATED.

Effects of Overexposure:SEE HEALTH HAZARDS.

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

First Aid:INGESTION: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A P HYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN. EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING T HE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

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

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWER OR APPROPRIATE FOAM.
Fire Fighting Procedures:WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:WEAR NIOSH APPROVED RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL S ITE AFTER MATERIAL PICKUP IS COMPLETE.

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

Handling and Storage Precautions:AVOID INHALATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE. KEEP TIGHTLY CLOSED. STORE IN A COOL DRY PLACE.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR.
Ventilation:MECHANICAL EXHAUST REQUIRED.
Protective Gloves:COMPATIBLE CHEMICAL-RESISTANT GLOVES.
Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:ANSI APPROVED EMERGENCY EYEWASH AND DELUGE SHOWER .
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
MF: C*23H*14NA*20*11. EC NUMBER: 239-926-7.

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

Melt/Freeze Pt:>241.C, 465.8F
M.P/F.P Text:DECOMPOSES
Solubility in Water:SOLUBLE
Appearance and Odor:SOLID.

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE.

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

Toxicological Information:RTECS # DJ2380000 -
4H-1-BENZOPYRAN-2-CARBOXYLIC ACID, 5,
5'-((2-HYDROXYTRIMETHYLENE)DIOXY)BIS(4-OXO-, DISODIUM SALT. TOX
DATA: ORL-RAT LD50: >11 GM/KG; KSRNAM 4, 189, 1970. IPR-RAT LD50:
>4 GM/KG; KS RNAM 4, 189, 1970. SCU-RAT LD50: 6 GM/KG; KSRNAM 4,
189, 1970. IVN-RAT LD50: >4 GM/KG; KSRNAM 4, 189, 1970. ORL-MUS
LD50: >11 GM/KG; KSRNAM 4, 189, 1970. IPR-MUS LD50: 1 GM/KG; PLMEAA
42, 75, 1981. SC U-MUS LD50: 4400 MG/KG; KSRNAM 4, 189, 1970.
IVN-MUS LD50: 3300 MG/KG; KSRNAM 4, 189, 1970. ORL-DOG LD50: >4
GM/KG; KSRNAM 4, 189, 1970. IVN-DOG LD50: >1600 MG/KG; KSRNAM 4,
189, 1970. ORL-RBT LD50: > 8 GM/KG; KSRNAM 4, 189, (ECOL INFO)

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

Ecological:DATA NOT YET AVAILABLE. --TOXIC INFO: 1970. IVN-RBT LD50: 2
GM/KG; KSRNAM 4, 1970. TARGET ORGAN DATA: LUNGS, THORAX OR
RESPIRATION (RESPIRATORY DEPRESSION, OTHER CHANGES);
GASTROINTESTINAL (NAUSEA OR VOMITING); SKIN AND APPENDAGES (AFTER
SYSTEMIC EXPOSURE: DERMATITUS, ALLERGIC). ONLY SELECTED REGISTRY OF
TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED
HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

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

Waste Disposal Methods:DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE
SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN
AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE AND LOCAL
ENVIRONMENTAL REGULATIONS.

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

Transport Information:CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION
INFORMATION.

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

Federal Regulatory Information:EUROPEAN INFORMATION: IRRITANT. R
36/37/38: IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN. S 26: IN
CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER
AND SEEK MEDICAL ADVICE. S 36: W EAR SUITABLE PROTECTIVE CLOTHING.
REVIEWS, STANDARDS, AND REGULATIONS: OEL=MAK. NOES 1983: HZD X5338;
NIS 1; TNF 53; NOS 2; TNE 1233; TFE 717.

State Regulatory Information:

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

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