

SOLVAY MINERALS, INC -- SODA ASH -- 6810-00-262-8567

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

Product ID:SODA ASH

MSDS Date:09/16/1994

FSC:6810

NIIN:00-262-8567

MSDS Number: BXDNM

=== Responsible Party ===

Company Name:SOLVAY MINERALS, INC

City:GREEN RIVER

State:WY

Country:US

Info Phone Num:800-443-2785

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:KO950

=== Contractor Identification ===

Company Name

:INDUSTRIAL CHEMICALS INC. (205-823-7330)

Address:2042 MONTREAT DR

Box:20688

City:BIRMINGHAM

State:AL

ZIP:35216

Country:US

CAGE:7T604

Company Name:JEM SALES INC INCHEMCO DIV

Address:430 LAVENDER DR

Box:City:ROME

State:GA

ZIP:30165-2262

Country:US

Phone:706-232-1709

CAGE:0AZD7

Company Name:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST

Box:1987

City:SOUTH GATE

State:CA

ZIP:90280

Country:US

Phone:213-562-9500

CAGE:75656

Company Name:SOLVAY MINERALS, INC

Box:City:GREEN RIVER

State:WY

Country:US

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hone:800-443-2785
CAGE:KO950

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Composition/Information on Ingredients
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Ingred Name:SODIUM CARBONATE
CAS:497-19-8
RTECS #:VZ4050000
Fraction by Wt: 99.8%
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 0.1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM SULFATE
CAS:7757-82-6
RTECS #:WE1650000
Fraction by Wt: 0.05%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM CHLORIDE
CAS:7647-14-5
RTECS #:VZ4725000
F
raction by Wt: 0.05%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50 ORAL, RAT:4090MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:AQU SOLN OF SODIUM CARBONATE ARE
ALKALINE & IRRIT DIGESTIVE MUC MEMB/EYES/HEALTHY
SKIN.INHAL(DUST):MAY IRRIT NOSE/THROAT/RESP TRACT.REPEATED EXPO MAY
CAUSE NOSE ULCERS.EYE(DUST
) :MAY CAUSE MILD IRRIT.S KIN:MAY CAUSE
SKIN IRRIT.IN PRESENCE OFMOISTURE/SWEAT IRRIT MAY BECOME MORE
SEVERE.INGEST:MAY CAUSE GI IRRIT.
Explanation of Carcinogenicity:PER MSDS:REG/CARCINOGENICITY
STATUS:NTP/IARC/OSHA:NONE.
Effects of Overexposure:IRRITATES DIGESTIVE MUC MEMBRANE/EYES/HEALTH
SKIN. IRRIT NOSE/THROAT/RESP TRACT. NOSE ULCERS, MILD EYE IRRIT,
SKIN IRRIT-REDNESS & SWELLING. SKIN RASH. GI TRACT IRRIT.
Medical Cond Aggravated by Exposure:SKIN IRRITATION MAY BE AGGRAVA

TED

IN PERSONS W/EXISTING SKIN LESIONS. BREATHING OF DUST MAY AGGRAVATE
ASTHMA OR OTHER CHRONIC PULMONARY DISEASE.

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

First Aid:INHAL:REMOVE TO DUST FREE ENVIRO;BLOW NOSE.DIFF/STOP BREATH
ADMINISTER ART RESP.IRRIT PRESENT SEEK MED ATTN.EYE:SPLASH IN
EYES/FACE TREAT EYES FIRST;THEN FOLLOW SKIN 1ST AID.IMMED RINSE EYE
W/RUNNING WATER FOR 15MINS OPENING EYELIDS.PROTECT EYES FROM STRONG
LIGHT.CONSULT DR/OPHTHA
LMOLOGIST IN ALL CASES.TAKE TO MED
FACILITY.REMOVE CONTAMIN CLOTH/SHOES UNDER SHOWER.WASH SKIN
W/LUKEWARM WATER.(SUPPLE)

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

Flash Point:NON-COMBUSTIBLE
Lower Limits:NON-FLAMM
Upper Limits:NON-FLAMM
Extinguishing Media:PER MSDS NOT APPLICABLE HOWEVER USE APPROPRIATE
EXTINGUISHING MEDIA FOR SURROUNDING FIRE/MATERIALS.
Fire Fighting Procedures:PER MSDS NOT APPLICABLE HOWEVER USE
APPROPRIATE PROTECTIVE CLOTHING/EQPMT
AS CONDITIONS WARRANT.
Unusual Fire/Explosion Hazard:NON-COMBUSTIBLE.

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

Spill Release Procedures:SHOVEL BACK INTO ORIGINAL DRY, UNCONTAMINATED
CONTAINER OR WASTE RECEPTABLE. FLUSH AREA WITH WATER, CONTAIN
RUNOFF, DISPOSE OF WASTE IN ACCORDANCE WITH APPLICABLE
FED/STATE/LOCAL ENVIRONMENTAL LAWS/REGS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:AVOID PROLONG/REPEAT CONTACT
W/SKIN/EYES.DO NOT WEAR CONTACT LENSES W/O PROPER EYE PROTECTION
WHEN USING THIS PRODUCT.AVOID PROLONG/REP BREATH OF DUST
Other Precautions:USE VACUUM OR WET MOP TO CLEAN UP DUST.KEEP IN
CLOSED, PROPERLY LABELED CONTAINER IN DRY AREA AWAY FROM ACIDS.
PROTECT FROM PHYSICAL DAMAGE. FOR ALL OPERATIONS:DO NOT TAKE
INTERNALLY.

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

Respiratory Protect

ion:IN CASE OF SIGNIFICANT OR ACCIDENTAL DUST

EMISSIONS A NIOSH/MSHA APPROVED DUST MASK SHOULD BE WORN.

Ventilation:IN PLACES WITH POSSIBILITY FOR CREATING DUST IN EXCESS OF EXPOSURE LIMITS VENTILATION SHOULD BE PROVIDED.

Protective Gloves:COTTON GLOVES FOR HANDLING DRY PRODUCT.

Eye Protection:SAF GLASSES/GOGG.SIGNIFICANT DUST-GOGG.

Other Protective Equipment:NONE.

Work Hygienic Practices:WASH CONTAMIN CLOTH.WASH HANDS AFT HANLDING.

Supplemental Safety and Health

PH 1% SOLN:11.6.BULK DEN

:62.0LBS/FT3. INCOMPAT:VOL OF

CO2/HEAT.W/MOISTURE SEVERE BURN.1STAID:DRY CAREFULLY.PERSISTENT

PAIN/RED SEE DR.PROVIDE CLEAN CLOTH.INGEST:DO NOT ATTEMPT TO GIVE

ANYTHING BY MOUT H IF UNCONSC.DO NOT INDUCE VOMIT.REMOVEANY AMT OF

PROD FRM MOUTH.IF CONSC & ALERT GIVE 8-12 OZ OF WATER.SEEK MED

ATTN.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:1564F,851C

Decomp Temp:Decomp Text:752F,400C

Vapor Pres:NOT LISTED

Spec Gravit

y:2.533 @25C

pH:SUPPLE

Viscosity:NOT LISTED

Evaporation Rate & Reference:V

Solubility in Water:33% MAX BY WT.

Appearance and Odor:ODORLESS, WHITE GRANULAR SOLID.

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

Stability Indicator/Materials to Avoid:YES

RXS W/STRONG ACIDS.UNDER CERTAIN CONDITONS MAY REACT W/AL,P2O5,F2,LI & 2,4,6-TRINITROTOLUENE.W/ACIDS-RELEASES LG (SUPPL)

Stability Condition to Avoid:HYGROSCOPIC;PROTECT FROM MOISTURE.MIXING OF ACID & SODIUM CARBO

NATE SOLNS COULD CAUSE CO2 EVOLUTION & SEVERE SPLATTERING

Hazardous Decomposition Products:CARBON DIOXIDE IS EVOLVED AT VERY HIGH TEMPS (1000C,1832F) OR LWHEN MIXED W/ACIDS.

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

Waste Disposal Methods:DISPOSE OF WASTE IAW APPLICABLE FED/STATE/LOC

ENVIRONMENTAL LAWS & REGS. CERCLA RQ:NOT LISTED. RCRA WSTE#:NOT

LISTED. (IRRIGATION OF FIELDS/VEG GARDENS:130MG/L RIS K FOR LEGUMES OF VEG GARDENS,

WHEAT, ETC.)

Disc

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