MATERIAL SAFETY DATA SHEET

Sodium Monochloro Acetate (SMCA)

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Particular	Details
Product Name	SODIUM MONOCHLORO ACETATE
CAS#	CAS NO. 3926-62-3

Note: The following statement appears exactly as printed in the original MSDS:

"Natural product extracted from copra – the dried coconut kernel, undergoes a process of refining, bleaching, and deodorizing using steam."

(This statement appears unrelated to Sodium Monochloro Acetate but has been reproduced exactly as provided in the source document.)

Supplier

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SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition

The product contains the following ingredient:

Substance	C.A.S.	TLV	Percent (%)
SODIUM MONOCHLORO ACETATE	3926-62-3	NE	100%

SECTION 3: HAZARDS IDENTIFICATION

This product is expected to be very toxic to Aquetic life based on data with related Product. *(Monochloro acetic acid).*

Note: The word **"Aquetic"** has been reproduced exactly as printed in the original document.

SECTION 4: FIRST AID MEASURES

INGESTION

- Call a physian or a poison control center immediately.
- If victim is Conscious, rinse mouth and give water to drink.
- If vomiting Occurs, keep head below hips to reduce risk of aspiration.
- Give Fluids again.
- Never give anything by mouth to a person who is Unconscious or convulsing.
- Transport to hospital.
- *(send a copy Of this MSDS with the patient).*

SKIN CONTACT

- Remove contaminated clothing.
- Wash skin with plenty of water For 15 to 20 minute.
- If symptoms develop, obtain medical Attention.

EYE CONTACT

- Immediately flush eyes with plenty of water at list 15 minute.
- Don't let victim rub eyes.
- Do not attempt to neutralize with Chemical agents.
- Obtain medical attention immediately.

INHALATION

- Remove victim to fresh air.
- If not breathing, clear victim's airway And start artificial respiration.
- Get medical attention Immediately.

SECTION 5: FIRE AND EXPLOSION DATA

Particular	Details
FLASH POINT	518 FERENHIT (270° CENTIGRADE)
FLAMMABLE FIRE FIGHTING PROCEDURES	ORDINARY FIRE FIGHTING
EXTINGUISHING MEDIA	WATER SPRAY, FOAM AND DRY POWDER

FIRE AND EXPLOSION HAZARDOUS

NON HAZARDOUS. NOT CONSIDER AS A FLAMMABLE OR COMBUSTIBLE MATERIAL.

Note: The spellings **"FERENHIT"** and **"NOT CONSIDER"** have been reproduced exactly as printed in the original MSDS.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES

- Avoid contact with skin and eyes.
- Do not Breath dust.
- Safely stop source of spill.
- Restrict non-essential personnel from Area.
- Sweep up spilled solid material, being careful not to create dust.
- Flush spill Area with large amount of water and dike for later disposal.
- Avoid release to the environment.

SECTION 7: HANDLING AND STORAGE

- Handle with care.
- Avoid ingestion, inhalation, eye and skin contact.
- Keep Container tightly closed.
- Store away from foodstuffs or animal feed.
- Bags should Be keep tightly closed and stored in a cool, dry, well ventilated area away from Incompatible materials such as bases and amines.
- Exercise due caution to prevent Damage to or leakage from the bag.
- Store in:
    - Polyethylene
    - Glasslined
    - PVC
    - 316 Stainless steel equipment

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection

- If use conditions generate dust and adequate Ventilation is not available, use NIOSH-approved organic vapor/acid gas respirator With dust, mist and fume filter to reduce potential for inhalation exposure.
- Where Exposure potential necessitates a higher level of protection, use a NIOSH-approved, Positive-pressure-demand, air-supplied respirator.

- When using respirator Cartridges or canisters, they must be changed frequently to assure breakthrough Exposure dose not occur.

SKIN

- Skin contact with the product must be prevented Through the use of suitable protective clothing, gloves and Footwear selected according to use condition exposure Potential.
- Discard gloves after SMCA contact.

EYES

- Eye contact with this material must be prevented Through the use of chemical safety splash goggles or a Face shield selected with regard to use condition Exposure potential.

VENTILATION

Local exhaust.

OTHER PROTECTION

Emergency shower and eye wash station should be located near work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Physical and Chemical Properties

Property	Specification
Appearance	White granules or powder
Color	White
Odor	Acidic ODOR
Melting Point	302° F (150° C)
Gravity	1710 kg/m³ for granules and 1850 kg/m³ for Powder
BULK DENSITY	750 – 900 KG/M³
Solubility in Water	820 G/L
BOILING POINT	N/A
Ph	5 – 9
CONDITION OF FLAMMABILITY	Not flammable or combustible
Flash Point	518° F (270° C)

Property	Specification
OTHER	Product is Hygroscopic

SECTION 10: STABILITY AND REACTIVITY DATA

- This product is stable at ambient temperatures and atmospheric pressures as well as under recommended storage and handling conditions.
- Thermal decomposition occurs at temperatures above **302° F (150° C)**.
- It is not self-reactive and has an almost indefinite shelf-life under sealed conditions.
- It is not sensitive to physical impact.
- Slow hydrolysis may occur.

SECTION 11: TOXICOLOGICAL INFORMATION

INHALATION

Inhalation may be expected to cause irritation to the respiratory tract with symptoms of bronchitis.

SKIN CONTACT

This product is irritating to skin.

EYE CONTACT

May cause eye irritation.

INGESTION

Unlikely to be hazardous if swallowed.

TARGET ORGANS

- EYES
- SKIN
- RESPIRATORY TRACT
- KIDNY
- LIVER

Note: The spelling **"KIDNY"** has been reproduced exactly as printed in the original MSDS.

SECTION 12: ECOLOGICAL INFORMATION

- No experimental data available on this product.
- It is expected to be very toxic to aquatic life based on data with related product **Mono Chloro Acetic Acid**.

BIODEGRADATION

The product is expected to be readily biodegradable, based on data with a related product **Mono Chloro Acetic Acid**.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions

- Bag should be cleaned of residual product before disposal.
- Do not contaminated public waters with waste or rinsate.
- Empty bags may retain residue.
- Follow all warnings and precautions even after the bag is emptied.
- Empty bags should be disposed of in accordance with all applocabe laws and regulations.

Note: The spellings **"contaminated"** and **"applocabe"** have been reproduced exactly as printed in the original document.

SECTION 14: TRANSPORT INFORMATION

SHIPPING INFORMATION

THIS PRODUCT IS REGULATED FOR SHIPPING AS FOLLOWS.

Particular	**Details**
UN NO	UN2659
PSN	SODIUM CHLORO ACETATE
CLASS	6.1
PG	III
2008 EMERGENCY RESPONSE GUIDEBOOK NO.	151
REQUIRED LABELS	POISION / TOXIC (CLASS 6.1)

Note: The spelling **"POISION"** has been reproduced exactly as printed in the original MSDS.

SECTION 15: OTHER REGULATORY INFORMATION

Canada – WHMIS (Workplace Hazardous Materials Information System)

Class d1b *(material causing immediate toxic effects).*

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16: OTHER INFORMATION

We cannot anticipate all conditions under which this information and our product of other manufactures in combination with our products may be used.

We accept no responsibility for results obtained by the application of this information or the Safety & stability of our products either alone or in combination with other products.

Users are advised to make their own tests to determine the safety and suitibility of each such product or product combination for their own purpose.

It is obligatory on the part of the indentor/buyer to ensure the product supplied confirms to local environmental regulations prevailing in the state of import.

We sale this product without warranty and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of products whether used alone or in combination with their products.