



MC-1140
SAFETY DATA SHEET
OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

| | |
|---------------------------------|--|
| Chemical Family / Chemical Name | Sodium dimethyldithiocarbamate (40%) CAS |
| No. | 128-04-1 |
| Trade Name | MC-1140 |
| Product Code | None |

Relevant identified uses of the substance or mixture and uses advised against

| | |
|------------------------|--|
| Identified Use(s) | Precipitant Uses |
| Advised Against | None |
| Company Identification | Meitler Consulting, Inc. 16979 Chieftain Rd PO Box 444 Tonganoxie, KS 66086 |
| Telephone | (913) 422-9339 |
| Fax | (913) 845-2950 |
| E-mail | info@mciclays.com |

Emergency telephone number

| | |
|---------------------|---|
| Emergency Phone No. | Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted) |
|---------------------|---|

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

| | |
|-----------------------------|---|
| OSHA HCS (29 CFR 1910.1200) | Not classified as dangerous for supply/use. |
|-----------------------------|---|

Label elements

| | |
|----------------------------|--|
| Hazard Symbol | None |
| Hazard Statement(s) | None |
| Precautionary Statement(s) | IF SWALLOWED: Rinse mouth. Treat symptomatically. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention. IF ON SKIN: Wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Do not allow to enter drains, sewers or watercourses. Keep out of reach of children. |

Other hazards

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredient(s) | % wt. | CAS No. |
|--------------------------------|---------|----------|
| Sodium dimethyldithiocarbamate | 30 - 50 | 128-04-1 |

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.: **None**

SECTION 4: FIRST AID MEASURES



Description of first aid measures

| | |
|---|---|
| Inhalation | Not normally required. Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention. |
| Skin Contact | Wash affected skin with soap and water. If symptoms develop, obtain medical attention. |
| Eye Contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation (redness, rash, blistering) develops, get medical attention. |
| Ingestion | Rinse mouth. Treat symptomatically. |
| Most important symptoms and effects, both acute and delayed | None known. |
| Indication of any immediate medical attention and special treatment needed | None known. |

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

| | |
|---------------------------------|---|
| -Suitable Extinguishing Media | Non-combustible / Non-flammable. As appropriate for surrounding fire. |
| -Unsuitable Extinguishing Media | None known. |

Special hazards arising from the substance or mixture

None known.

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective gloves/eye protection.

Environmental precautions

Do not allow to enter drains, sewers or watercourses.

Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

| | |
|-------------------------|----------------------------|
| -Storage temperature | Store at room temperature. |
| -Incompatible materials | Strong oxidising agents. |

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Specific end use(s)

Water Treatment Chemical

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

| SUBSTANCE. | CAS No. | (8hr TWA) | | STEL | | Note: |
|------------|---------|------------|-------------|------------|-------------|-------|
| | | PEL (OSHA) | TLV (ACGIH) | PEL (OSHA) | TLV (ACGIH) | |
| None | ----- | ----- | ----- | ----- | ----- | ----- |

Recommended monitoring method

None

Exposure controls

Appropriate engineering controls

Not normally required.

Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Wear protective gloves. (Nitrile rubber, PVC, Natural rubber)



Respiratory protection

Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|--|---------------------------------|
| Appearance | Liquid |
| Color. | Clear |
| Odor | Not available |
| Odor Threshold (ppm) | Not available |
| pH (Value) | 10 - 11 |
| Melting Point (°C) / Freezing Point (°C) | Not available |
| Boiling point/boiling range (°C): | Not available |
| Flash Point (°C) | Non-combustible / Non-flammable |
| Evaporation Rate | Similar to Water |
| Flammability (solid, gas) | Not applicable |
| Explosive Limit Ranges | Not applicable |
| Vapour pressure (Pascal) | Similar to Water |
| Vapour Density (Air=1) | Similar to Water |
| Density (g/ml) | 1.16 - 1.18 |
| Solubility (Water) | Miscible |
| Solubility (Other) | Not available |



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| | |
|---|---------------------------------|
| Partition Coefficient (n-Octanol/water) | Not available |
| Auto Ignition Point (°C) | Non-combustible / Non-flammable |
| Decomposition Temperature (°C) | Not available |
| Kinematic Viscosity | Similar to Water |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |
| Other information | Not available |

SECTION 10: STABILITY AND REACTIVITY

| | |
|---|---------------------------------|
| Reactivity | Stable under normal conditions. |
| Chemical stability | Stable. |
| Possibility of hazardous reactions | None anticipated. |
| Conditions to avoid | None known |
| Incompatible materials | None known |
| Hazardous decomposition product(s) | None known |

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact

| | |
|---|-------------------------|
| Acute toxicity (By analogy with similar materials) | Oral: >2000 mg/kg (rat) |
| Irritation/Corrosivity | Not to be expected. |
| Sensitization | Not a Sensitizer |
| Repeated dose toxicity | Not to be expected. |
| Carcinogenicity | Not to be expected. |

| NTP | IARC | ACGIH | OSHA | NIOSH |
|-----|------|-------|------|-------|
| No. | No. | No. | No. | No. |

| | |
|----------------------------------|---------------------|
| Mutagenicity | Not to be expected. |
| Toxicity for reproduction | Not to be expected. |

SECTION 12: ECOLOGICAL INFORMATION

| | |
|---|--|
| Ecotoxicity | |
| Short term | LD50 (96 hour): 1.8 mg/L (0.76 mg/L active ingredient) (<i>Oncorhynchus mykiss</i>) EC50 (48 hour): 1.6 mg/L (0.67 mg/L active ingredient) (<i>Daphnia magna</i>) EC50 (96 hour): 0.012 mg/l (0.029 mg/L active ingredient) (<i>Pseudokirchneriella subcapitata</i>) |
| Long Term | NOEC (96 hour): 0.0094 mg/l (0.0038 mg/L active ingredient) (<i>Pseudokirchneriella subcapitata</i>) |
| Persistence and degradability | Readily biodegradable. |
| Bioaccumulative potential | The product has no potential for bioaccumulation. |
| Mobility in soil | Not available. |
| Results of PBT and vPvB assessment | Not classified as PBT or vPvB. |
| Other adverse effects | None known. |

SECTION 13: DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|--|
| Waste treatment methods | Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice. |
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SECTION 14: TRANSPORT INFORMATION

| | Land transport <u>(U.S. DOT) *</u> | Sea transport <u>(IMDG)</u> | Air transport <u>(ICAO/IATA)</u> |
|------------------------------|--|--|-------------------------------------|
| UN number | | UN 3082 | UN 3082 |
| Proper Shipping Name | Not classified as dangerous for transport. | Environmentally hazardous substance, liquid, n.o.s. (Sodium dimethyldithiocarbamate) | |
| Transport hazard class(es) | | 9 | 9 |
| Packing group | | III | III |
| Environmental hazards | | Yes. | Yes. |
| Special precautions for user | | None assigned. | None assigned. |

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

* It is permissible to transport as UN3082, Environmentally hazardous substance, n.o.s., 9, PG III

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

| Chemical Name | CAS No. | Typical %wt. | RQ (Pounds) |
|---------------|---------|--------------|-------------|
| None | ---- | ---- | ---- |

SARA 311/312 - Hazard Categories: Refer to SECTION 2 - HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

| Chemical Name | CAS No. | Typical %wt. |
|--------------------------------|----------|--------------|
| Sodium dimethyldithiocarbamate | 128-04-1 | 30 - 50 |

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

| Chemical Name | CAS No. | Typical %wt. | TPQ (pounds) |
|---------------|---------|--------------|--------------|
| None | ---- | ---- | ---- |

California Proposition 65 List:

| Chemical Name | CAS No. | Type of Toxicity |
|---------------|---------|------------------|
| None | ----- | ---- |

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

Date of preparation: January 11,2020

Additional Information: None

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