

OCTOPOL SDE-25

Version	Revision Date:	MSDS Number:	Date of last issue: 09/03/2015
0.0	11/11/2015	F000000566	Date of first issue: 09/03/2015

SECTION 1. IDENTIFICATION

Product name : OCTOPOL SDE-25

Product code : F000000566

Manufacturer or supplier's details

Company name of supplier : Tiarco Chemical Company

Address : 1300 Tiarco Drive
Dalton GA 30721Emergency telephone number : (CHEMTREC): (800) 424-9300 (CHEMTREC International);
(703) 527-3887 Industrial Health/Spill Emergency: (706) 277-1300 Danny Welch (ehs@trcc.com)**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Skin corrosion : Category 1A

Serious eye damage : Category 1

GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

SAFETY DATA SHEET



OCTOPOL SDE-25

Version 0.0 Revision Date: 11/11/2015 MSDS Number: F000000566 Date of last issue: 09/03/2015
Date of first issue: 09/03/2015

and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
sodium diethyldithiocarbamate	148-18-5	>= 70.0 - <= 80.0

SECTION 4. FIRST AID MEASURES

- If inhaled : Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Call a physician or poison control centre immediately.
- In case of skin contact : Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
- In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Seek medical advice.
- If swallowed : Do not induce vomiting without medical advice. If conscious, drink plenty of water. Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : None known.
-

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Foam
Carbon dioxide (CO₂)
ABC powder
Water mist
-

OCTOPOL SDE-25

Version	Revision Date:	MSDS Number:	Date of last issue: 09/03/2015
0.0	11/11/2015	F000000566	Date of first issue: 09/03/2015

- Specific hazards during fire-fighting : Burning produces irritant fumes.
Exposure to decomposition products may be a hazard to health.
Cool closed containers exposed to fire with water spray.
Do not allow run-off from fire fighting to enter drains or water courses.
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
Exposure to decomposition products may be a hazard to health.
-

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Material can create slippery conditions.
Use non-slip safety shoes in areas where spills or leaks can occur.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
Do not let product enter drains.
Do not allow contact with soil, surface or ground water.
Do not allow uncontrolled discharge of product into the environment.
- Methods and materials for containment and cleaning up : Dam up.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Sweep up and shovel.
Pick up and transfer to properly labelled containers.
Clean contaminated floors and objects thoroughly while observing environmental regulations.
-

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : The product is not flammable.
- Advice on safe handling : Wear personal protective equipment.
Handle with care.
Take care to avoid waste and spillage when weighing, loading and mixing the product.
- Conditions for safe storage : No smoking.
-

OCTOPOL SDE-25

Version	Revision Date:	MSDS Number:	Date of last issue: 09/03/2015
0.0	11/11/2015	F000000566	Date of first issue: 09/03/2015

Keep in properly labelled containers.
Observe label precautions.
Keep containers tightly closed in a dry, cool and well-ventilated place.

Materials to avoid : Do not freeze.
Keep away from food and drink.
Keep away from tobacco products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

Engineering measures : Handle only in a place equipped with local exhaust (or other appropriate exhaust).
Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Use NIOSH approved respiratory protection.

Hand protection
Material : Impervious gloves

Eye protection : Safety glasses with side-shields
Tightly fitting safety goggles
Face-shield

Skin and body protection : Chemical resistant apron
Footwear protecting against chemicals
Skin should be washed after contact.
Change working clothes after each workshift.

Protective measures : Avoid contact with skin.
When using do not eat, drink or smoke.
Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures : Do not smoke.
Keep away from food and drink.
Avoid contact with skin, eyes and clothing.
Change working clothes after each workshift.

SAFETY DATA SHEET



OCTOPOL SDE-25

Version 0.0	Revision Date: 11/11/2015	MSDS Number: F000000566	Date of last issue: 09/03/2015 Date of first issue: 09/03/2015
----------------	------------------------------	----------------------------	---

Remove and wash contaminated clothing and gloves, including the inside, before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: light green
Odour	: characteristic
Odour Threshold	: No data available
pH	: 12.0 - 13.3
Melting point/range	: No data available
Boiling point/boiling range	: > 200 °F
Flash point	: > 200 °F
Vapour pressure	: No data available
Density	: 1,060 - 1,110 kg/m ³
Solubility(ies)	
Water solubility	: soluble
Solubility in other solvents	: not determined
Partition coefficient: n-octanol/water	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable
Possibility of hazardous reactions	: Stable under recommended storage conditions.
Conditions to avoid	: Protect from frost. Heat, flames and sparks.
Incompatible materials	: Oxidizing agents Strong acids and strong bases
Hazardous decomposition products	: Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), dense black smoke.

OCTOPOL SDE-25

Version	Revision Date:	MSDS Number:	Date of last issue: 09/03/2015
0.0	11/11/2015	F000000566	Date of first issue: 09/03/2015

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity : LD50: Remarks: This information is not available.

Acute inhalation toxicity : LC50: Remarks: This information is not available.

Acute dermal toxicity : LD50:

Skin corrosion/irritation**Product:**

Assessment: Corrosive

Assessment: Irritating to skin.

Serious eye damage/eye irritation**Product:**

Assessment: Irritating to eyes.

Assessment: Corrosive

Respiratory or skin sensitisation**Product:**

Remarks: No data available

Carcinogenicity**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

OCTOPOL SDE-25

Version	Revision Date:	MSDS Number:	Date of last issue: 09/03/2015
0.0	11/11/2015	F000000566	Date of first issue: 09/03/2015

Toxicity to fish	:	(Fish): Remarks: No data available
Toxicity to daphnia and other aquatic invertebrates	:	(Daphnia magna (Water flea)): Remarks: No data available
Toxicity to algae	:	(Scenedesmus capricornutum (fresh water algae)): Remarks: No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Contaminated packaging	:	Clean container with water. Empty containers should be taken to an approved waste handling site for recycling or disposal.
------------------------	---	---

SECTION 14. TRANSPORT INFORMATION**International Regulation****IATA-DGR**

UN/ID No.	:	UN 3267
Proper shipping name	:	Corrosive liquid, basic, organic, n.o.s. (SODIUM DIETHYLDITHIOCARBAMATE)
Class	:	8
Packing group	:	III
Labels	:	Corrosive
Packing instruction (cargo aircraft)	:	856
Packing instruction (passenger aircraft)	:	852

IMDG-Code

UN number	:	UN 3267
Proper shipping name	:	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
Class	:	8
Packing group	:	III

SAFETY DATA SHEET



OCTOPOL SDE-25

Version	Revision Date:	MSDS Number:	Date of last issue: 09/03/2015
0.0	11/11/2015	F000000566	Date of first issue: 09/03/2015

Labels	: 8
EmS Code	: F-A, S-B
Marine pollutant	: yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

UN/ID/NA number	: UN 3267
Proper shipping name	: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (SODIUM DIETHYLDITHIOCARBAMATE)
Class	: 8
Packing group	: III
Labels	: CORROSIVE
ERG Code	: 153
Marine pollutant	: yes

SECTION 15. REGULATORY INFORMATION

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

