

SAFETY DATA SHEET

In compliance with HCS 2012

Version: 1.0

Revision date: 07/12/2012

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Section 1. Identification

Trade name	ECODIS™ P 90
Substance name	Polycarboxylate in aqueous solution, ammonium salt.
Recommended use	See technical data sheet.
Restrictions on use	No information related to restrictions of use to our knowledge.
Supplier	
Name	COATEX Inc
Address	547, Ecology Lane - CHESTER, SC 29706
Telephone	(803) 377-1111
Fax	(803) 581-5995
E-mail	productsafety.fr@Coatex.com
Emergency call	CHEMTREC: (800) 424-9300

Section 2. Hazard(s) identification

Classification of the product in accordance with paragraph (d) of §1910.1200

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Pictogram(s): N/A

Signal word	N/A
Hazard statement(s)	N/A
Precautionary statement(s)	N/A
Supplemental Hazard information	N/A
Hazard(s) not otherwise classified	Slightly irritating to eye. Slightly irritating to skin. Does not show any specific hazard of fire or explosion.

See Section 11 for additional toxicological information and Section 12 for additional ecological information.

Section 3. Composition / Information on ingredients

Chemical name Polycarboxylate in aqueous solution, ammonium salt.

Hazardous component(s):

Chemical name	CAS #	Concentration (% wt/wt)	Classification according to HCS 2012
N/A	-	-	-
N/A	-	-	-
N/A	-	-	-

For full-text of H-statements: see Section 16.

Section 4. First-aid measures

First aid measures

Inhalation

Not specifically concerned (aqueous liquid).

Skin contact

Remove spoiled clothes. Rinse with plenty of water while using soap.

Eye contact

Wash immediately with plenty of water.

Ingestion

Consult a physician without delay.

Main symptoms/effects, acute and delayed

Slightly irritating to eye. Slightly irritating to skin.

Indication of immediate medical attention and special treatment needed, if necessary

In case of medical care, show this safety data sheet.

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Waterspray. Foam. Powder. Carbon dioxide.

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

Aqueous liquid: does not show any particular risk in case of fire.

Protection of firefighters

Appropriate protective equipment must be worn in case of fire.

Section 6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Appropriate gloves. Protective glasses. Appropriate protection clothes.

Environmental precautions

Prevent product from spreading in the environment. Do not reject to sewer.

Methods and materials for containment and clean-up

Vacuum bulk liquid or absorb it with inert sorbent. Keep the above product for future disposal.

Wash remaining material with plenty of water.

Other information

See Section 13 for disposal considerations and Section 15 for regulatory information.

Section 7. Handling and storage

Handling

Does not require specific technical measure.
Respect general health and safety rules.

Storage

Conditions	Stable in normal storage conditions.
Incompatible materials	Strong bases (ammonia release).
Recommended containers	Coated steel, stainless steel. Plastic materials (polyethylene)
Not recommended containers	Steel. Aluminium and its alloys.

7.3. Specific end use(s)

None to our knowledge.

Section 8. Exposure controls / Personal protection

Exposure guidelines

Component	OSHA	ACGIH	Other
N/A	-	-	-
N/A	-	-	-
N/A	-	-	-

(o): oral; (i): inhalation; (s): skin

Appropriate engineering controls

Does not necessitate specific or particular measure, provided general health and safety procedures are respected.

Personal protective equipment

Eye/face protection

Safety glasses.

Skin protection

Appropriate clothes and gloves.

Respiratory protection

In case of insufficient ventilation, wear a suitable respiratory protection.

Section 9. Physical and chemical properties

Appearance

Color	Green.
Physical state	Liquid.
Odor	slight ammonia smell .
Odor threshold	N/D
pH	7
Crystallization point	-10°C
Boiling point	100°C (water)
Flash point	> 100°C (closed cup).

Evaporation rate	N/D
Flammability (solid, gas)	N/A
Upper flammability limit	N/D
Lower flammability limit	N/D
Vapor pressure	18 mm Hg at 20°C (water).
Vapor density	N/D
Density	1.16 g/cm ³
Solubility	
in water	Soluble.
in solvents	Very slight.
Partition coefficient n-octanol/water	Log Pow (estimated) << 3
Auto-ignition temperature	N/D
Decomposition temperature	N/D
Volatile part by weight	60 %

Section 10. Stability and reactivity

Reactivity

Not reactive in normal use conditions.

Chemical stability

Stable if appropriately used.

Possibility of hazardous reactions

No hazardous reaction known in normal use conditions.

Conditions to avoid

Respect general health and safety rules.

Incompatible materials

Strong bases (ammonia release).

Hazardous decomposition products

Ammonia

Section 11. Toxicological information

Acute toxicity

Inhalation	N/D
Ingestion	Commercial product: LD50 (rat) > 2000 mg/kg.
Skin contact	N/D

Skin corrosion/irritation Commercial product: slightly irritating to skin (rabbit).

Serious eye damage/irritation Commercial product: slightly irritating to eyes (rabbit).

Respiratory or skin sensitization N/D

CMR effects

Mutagenicity	N/D
Carcinogenicity	N/D
Toxicity for reproduction	N/D

Specific Target Organ Toxicity

Single exposure	N/D
Repeated exposure	N/D
Aspiration hazard	N/D

Status of the product (NTP, IARC, OSHA)

The product does not contain any substance listed in the NTP Report on Carcinogens (latest edition), or found to be a potential carcinogen in the IARC Monographs, or by OSHA.

Section 12. Ecological information**Ecotoxicity**

Commercial product: LC50 (Brachydanio Rerio, 96h) > 100 mg/L.

Commercial product: EC50 (Daphnia Magna, 24h) > 100 mg/L.

Commercial product: EC50 (Algae, 72h) > 100 mg/L.

Persistence and degradability

Poorly biodegradable.

Bioaccumulative potential

Bioaccumulation is not expected.

Partition coefficient n-octanol/water: Log Pow (estimated) << 3

Mobility in soil

Target compartment of the product: Water.

Environmental fate

Does not persist in water. Is removed through precipitation and adsorption processes. Does not present a significant risk to aquatic organisms at low concentrations (less than 100 mg/L).

Section 13. Disposal considerations**US EPA Waste Number**

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Disposal of the product

Do not reject to sewer.

Burn in an approved plant.

Disposal of the packaging

Empty thoroughly packaging then clean it with water before disposal.

Burn in an approved plant.

Section 14. Transport information

Not regulated for transport.

UN No	UN proper shipping name	Hazard class	Packing group	Environmental hazards	Other information/Special Precautions for user
-		-	-	-	-

Section 15. Regulatory information

Federal

TSCA All components are either listed or otherwise comply with requirements.
 SARA Title III Section 313 This product does not contain any substance subject to reporting requirements at or above de minimis quantities.
 CERCLA Reportable quantity Not regulated

International

DSL All components are DSL listed.

Section 16. Other information

HMIS® System

Health 1 - Irritation or minor reversible injury possible.
 Flammability 0 - Material that will not burn.
 Physical hazard 0 - Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive.
 Personal protection A - Safety glasses.

NFPA system

Health hazard 1 - Exposure could cause irritation but only minor injury even if no treatment is given
 Flammability 0 - Material that will not burn
 Instability 0 - Normally stable, even under fire exposure conditions, and is not reactive with water.
 Special hazards No special hazard.

Full text of H-statements mentioned in section 3

N/A

Updates of the safety data sheet

Sections of the safety data sheet which have been updated:
 Not relevant, version 1.0 of the SDS.

Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CMR	Carcinogen, mutagen, or reproductive toxicant
DSL	Domestic Substance List
HCS	Hazard Communication Standard
HMIS	Hazardous Materials Identification System
(i)	Inhalation
IARC	International Agency for Research on Cancer
N/A	Not applicable
N/D	Not determined
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
(o)	Oral
OSHA	Occupational Safety & Health Administration
PEL	Permissible Exposure Limit

RCRA	Resource Conservation and Recovery Act
REL	Recommended Exposure Limit
(s)	Skin
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average

Note: In this document, the decimal separator is « . » (point).

This leaflet completes the technical data sheet but does not replace it. The information contained herein is based on the state of our knowledge relative to the commercial product, at the date of 07/12/2012. It is offered in good faith. The attention of user is moreover drawn on the hazards that can eventually be encountered when a product is used to other uses than the one for which it is made.

END OF THE DOCUMENT