SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name : OWATROL EASY FLOW
Product code : FLOE001.

1.2. Relevant identified uses of the substance or mixture and uses advised against
Waterborne Paint Conditioner.

1.3. Details of the supplier of the safety data sheet
Registered company name : DURIEU S.A.,
Address : Z.I. "La Marinière" 2 bis, rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.
Telephone : + 33 (0)1.60.86.48.70.     Fax : + 33 (0)1.60.86.84.84.
info@durieu.com
www.durieu.com

1.4. Emergency telephone number : + 33 (0)1.45.42.59.59.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.2. Label elements
HCS compliant.
No labelling requirements for this mixture.

2.3. Other hazards
No data available.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures
No substance satisfies the criteria specified in annexe D, table D.1 of the HCS.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures
In the event of splashes or contact with eyes :
Wash thoroughly with soft clean water for 15mn holding the eyelids open.
Refer to an ophthalmologist in particular if there is any redness, pain or visual impair.

In the event of splashes or contact with skin :
Wash thoroughly with soft clean water.

In the event of swallowing :
Seek medical attention, showing the label.
If swallowed accidentally, refer to a doctor and show him the label.

4.2. Most important symptoms and effects, both acute and delayed
No data available.

4.3. Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5 : FIREFIGHTING MEASURES

This product is not classed as flammable.

5.1. Extinguishing media
Suitable methods of extinction
In the event of a fire, use:
- multipurpose ABC powder
- foam
CO2, extinguishing powder or pulverized water.

Unsuitable methods of extinction
Direct water jet.

5.2. Special hazards arising from the substance or mixture
A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.
In the event of a fire, the following may be formed:
- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3. Advice for firefighters
Bring independant breathing apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Consult the safety measures listed under headings 7 and 8.

For first aid worker
First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions
Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up
Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections
No data available.

SECTION 7 : HANDLING AND STORAGE
Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling
Always wash hands after handling.
Keep containers tightly closed.
Avoid getting on skin or in eyes when handling product.

Fire prevention:
Prevent access by unauthorised personnel.

Recommended equipment and procedures:
For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.

Prohibited equipment and procedures:
No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities
Opened container must be thoroughly closed and kept in vertical position.
Do not keep in metallic container because of corrosion.
Stock between +5°C and +30°C in a dry, well ventilated place.

Storage
Keep out of reach of children.

Packaging
Always keep in packaging made of an identical material to the original.
Recommended types of packaging:
- Buckets
- Vats

Suitable packaging materials:
- Plastic
7.3. Specific end use(s)  
No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters  
No data available.

8.2. Exposure controls

Personal protection measures, such as personal protective equipment  
Use personal protective equipment that is clean and has been properly maintained. 
Store personal protective equipment in a clean place, away from the work area. 
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection  
Avoid contact with eyes. 
Use eye protectors designed to protect against liquid splashes 
Before handling, wear safety goggles in accordance with standard EN166. 
Use personal protection equipment.

- Hand protection  
Wear suitable protective gloves in the event of prolonged or repeated skin contact. 
Type of gloves recommended :  
- Natural latex  
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))  
- PVC (polyvinyl chloride)  
- Butyl Rubber (Isobutylene-isoprene copolymer)  
Recommended properties :  
- Impervious gloves in accordance with standard EN374  
Wear neoprene rubber or nitrile rubber gloves.

- Body protection  
Work clothing worn by personnel shall be laundered regularly. 
After contact with the product, all parts of the body that have been soiled must be washed. 
After contact with the product, soiled clothing must be removed and the skin must be cleaned with soap and water or a suitable cleaner for skin.

- Respiratory protection  
Type of FFP mask :  
Wear a disposable half-mask aerosol filter in accordance with standard EN149. 
Category :  
- FFP2  
Type of mask with combined filters :  
Wear a half mask in accordance with standard EN140.  
Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :  
- A2 (Brown)  
- B2 (Grey)  
Particle filter according to standard EN143 :  
- P2 (White)  
Respiratory protective gears to absorb the aerosols must be carried when the product is sprinkled insofar as the exposure cannot be controlled to be in lower part of the limiting risk of exposure.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :  
Physical state : Fluid liquid.  
Colour : Milky.  
Important health, safety and environmental information  
\[ \text{pH} : 8.50 \]  
Slightly basic.
Boiling point/boiling range : Not specified.
Flash point interval : Not relevant.
Vapour pressure (50°C) : Not relevant.
Density : > 1
Water solubility : Dilutable.
Melting point/melting range : Not specified.
Self-ignition temperature : Not relevant.
Decomposition point/decomposition range : Not specified.
% VOC : <6 g/l

9.2. Other information
VOC (g/l) : 2.1

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity
No data available.

10.2. Chemical stability
This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Avoid:
- frost
Always stock in its original packaging. Do not transfer in another package.

10.5. Incompatible materials

10.6. Hazardous decomposition products
The thermal decomposition may release/form:
- carbon monoxide (CO)
- carbon dioxide (CO2)

SECTION 11 : TOXICOLOGICAL INFORMATION

Can cause severe eye irritation.

11.1. Information on toxicological effects
No data available.

11.1.1. Substances
No toxicological data available for the substances.

11.1.2. Mixture

Other information
Formula sent to the I.N.R.S.

SECTION 12 : ECOLOGICAL INFORMATION

The product must not be allowed to run into drains or waterways.

12.1. Toxicity
Probably low dangerous to aquatic organisms
Do not leave this product, not diluted or in great quantity, penetrate the ground water, waters or the drains.

12.1.2. Mixtures
No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability
No data available.

12.3. Bioaccumulative potential
No data available.

12.4. Mobility in soil
Contains a solid phase.
This product is dilutable in water in all proportion.
12.5. Results of PBT and vPvB assessment
No data available.

12.6. Other adverse effects
No data available.

SECTION 13: DISPOSAL CONSIDERATIONS
The appropriate waste management of the mixture and/or its container must be determined in accordance with local regulations.

13.1. Waste treatment methods
Do not pour into drains or waterways.
Waste:
Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
Soiled packaging:
Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION
Exempt from transport classification and labelling.

14.1. UN number
-

14.2. UN proper shipping name
-

14.3. Transport hazard class(es)
-

14.4. Packing group
-

14.5. Environmental hazards
-

14.6. Special precautions for user
-

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
The following regulations have been used:
- Container information:
  No data available.
- Particular provisions:
  No data available.
- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704):
  NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none

- Clean Water Act: Toxic Pollutants (CWA 307A)
  Unlisted.
- Clean Water Act: Hazardous Substances (CWA 311)
  Unlisted.
- **Clean Water Act : Hazardous Substances (CWA 304b)**
  Unlisted.

- **Clean Water Act : Priority Pollutants (CWA Priority)**
  Unlisted.

- **Clean Air Act : Hazardous Air Pollutants (CAA 112(b) HAP (188))**
  Unlisted.

- **Clean Air Act : Organic Hazardous Air Pollutants National Emission Standards (CAA 112(b) HON (387))**
  Unlisted.

- **Clean Air Act : Protection of Stratospheric Ozone (CAA 602)**
  Unlisted.

- **SARA 110**
  Unlisted.

- **SARA 302/304**
  Unlisted.

- **SARA 313**
  Unlisted.

- **California proposition 65 : Chemicals known to the state to cause cancer or reproductive toxicity**
  Unlisted.

- **Massachusetts : Right to Know**
  Unlisted.

- **New Jersey : Right to Know**
  Unlisted.

- **Pennsylvania : Hazardous Substance**
  Unlisted.

- **Rhode Island : Hazardous substance list**
  Unlisted.

- **TSCA (Toxic Substances Control Act) - USA**
  Unlisted.

**15.2. Chemical safety assessment**

No data available.

**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Abbreviations :**

- ADR : European agreement concerning the international carriage of dangerous goods by Road.
- IATA : International Air Transport Association.
- ICAO : International Civil Aviation Organisation
- RID : Regulations concerning the International carriage of Dangerous goods by rail.
- PBT: Persistent, bioaccumulable and toxic.
- vPvB : Very persistent, very bioaccumulable.