



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

1.1. Product identifier

Product name : OWATROL SOLID COLOR STAIN
Product code : SCS02
(All tones)

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

Solid Finish for exterior wood

1.3. Details of the supplier of the safety data sheet

Registered company name : DURIEU S.A..
Address : Z.A.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.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

May produce an allergic reaction (EUH208).
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :
EUH208 Contains BUTYLCARBAMATE DE 3-IODO-2-PROPYNYLE. May produce an allergic reaction.
EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.
Hazard statements :
H412 Harmful to aquatic life with long lasting effects.
Precautionary statements - General :
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
Precautionary statements - Prevention :
P260 Do not breathe dust vapours.
P262 Do not get in eyes, on skin, or on clothing.
P273 Avoid release to the environment.
Precautionary statements - Response :
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>
The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
INDEX: 013		[1]	10 \leq x % < 25
CAS: 13463-67-7			

EC: 236-675-5			
TITANIUM DIOXYDE			
INDEX: PCP186 EC: 918-481-9 REACH: 01-2119457273-39	GHS08 Dgr Asp. Tox. 1, H304 EUH:066		2.5 <= x % < 10
HYDROCARBURES C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES			
INDEX: 061 CAS: 55406-53-6 EC: 259-627-5	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 3, H335 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 1
BUTYLCARBAMATE DE 3-iodo-2-propynyle			
INDEX: 199 CAS: 2634-33-5 EC: 220-120-9	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 1
1,2-BENZISOTHIAZOL-3(2H)-ONE			

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

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 exposure by inhalation :**

In the event of an allergic reaction, seek medical attention.
If a large quantity is inhaled, move the patient to the fresh air.

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 :

In the event of an allergic reaction, seek medical attention.
Wash thoroughly with soft clean water.

In the event of swallowing :

Seek medical attention, showing 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**

Alcohol resistant foam, CO2, Dry chemical powder.

In the event of fire, use appropriate extinguishing media. Never use water.

Unsuitable methods of extinction

Water may be ineffective as extinguishing medium but may be used to cool closed containers exposed to heat.

Direct water jet.

Water may be ineffective as extinguishing medium but may be used to cool closed containers exposed to heat.

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)
- nitrogen oxide (NO)
- nitrogen dioxide (NO₂)

5.3. Advice for firefighters

No data available.

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.

Remove and wash contaminated clothing before re-using.

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

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.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m3	-	-	-	-

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
13463-67-7	-	10	-	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m3	-	-	-	T1

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.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

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

- 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.

- Respiratory protection

Type of FFP mask :

Wear a disposable half-mask aerosol filter in accordance with standard EN149.

Category :

- FFP2

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)

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state :	Fluid liquid.
Colour :	Depend on tones
odours :	small

Important health, safety and environmental information

pH :	8.50 .
	Slightly basic.
Boiling point/boiling range :	Not specified.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Vapour density :	>1
Density :	> 1
Water solubility :	Dilutable.
Melting point/melting range :	Not specified.

Self-ignition temperature :	Not relevant.
Decomposition point/decomposition range :	Not specified.
% VOC :	<11%

9.2. Other information

VOC (g/l) :	129
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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

10.5. Incompatible materials**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)
- nitrogen oxide (NO)
- nitrogen dioxide (NO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

11.1.1. Substances**Acute toxicity :**

1,2-BENZISOTHAZOL-3(2H)-ONE (CAS: 2634-33-5)

Oral route : LD50 = 597 mg/kg
Species : Rat
OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route : LD50 > 2000 mg/kg
Species : Rat
OCDE Ligne directrice 402 (Toxicité aiguë par voie cutanée)

BUTYLCARBAMATE DE 3-IODO-2-PROPYNYLE (CAS: 55406-53-6)

Oral route : LD50 = 1056 mg/kg
Species : Rat
OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route : LD50 > 2000 mg/kg
Species : Rat
OCDE Ligne directrice 402 (Toxicité aiguë par voie cutanée)

HYDROCARBURES C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES

Oral route : LD50 > 5000 mg/kg
Species : Rat
OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route : LD50 > 5000 mg/kg
Species : Rabbit
OCDE Ligne directrice 402 (Toxicité aiguë par voie cutanée)

Inhalation route (Vapours) : LC50 = 4.951 mg/l
Species : Rat

OCDE Ligne directrice 403 (Toxicité aiguë par inhalation)

Germ cell mutagenicity :

HYDROCARBURES C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
No mutagenic effect.

Carcinogenicity :

HYDROCARBURES C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
Carcinogenicity Test : Negative.
No carcinogenic effect.

Reproductive toxicant :

HYDROCARBURES C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
No toxic effect for reproduction

OCDE Ligne directrice 414 (Étude de la toxicité pour le développement prénatal)

11.1.2. Mixture

Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

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

12.1. Toxicity

Insufficient data.

12.1.1. Substances

1,2-BENZISOTHAZOL-3(2H)-ONE (CAS: 2634-33-5)

Fish toxicity : LC50 = 0.74 mg/l
Factor M = 1
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 2.44 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

BUTYLCARBAMATE DE 3-iodo-2-propynyle (CAS: 55406-53-6)

Fish toxicity : LC50 = 0.067 mg/l
Species : Others
Duration of exposure : 96 h

NOEC = 0.0084 mg/l
Factor M = 1
Species : Pimephales promelas
Duration of exposure : 35 jours

Crustacean toxicity : EC50 = 0.16 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

EC50 mg/l
Species : Daphnia magna
Duration of exposure : 21 jours

Species : Others

Algae toxicity : ECr50 = 0.022 mg/l
Species : Scenedesmus subspicatus
Duration of exposure : 72 h

NOEC = 0.0046 mg/l

Factor M = 1
Species : Scenedesmus subspicatus

HYDROCARBURES C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES

Fish toxicity : LC50 = 1000 mg/l
Species : Oncorhynchus mykiss
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 1000 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

Algae toxicity : ECr50 = 1000 mg/l
Species : Pseudokirchnerella subcapitata
Duration of exposure : 72 h

12.1.2. Mixtures

12.2. Persistence and degradability

Insufficient data.

12.2.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Biodegradability : Rapidly degradable.

BUTYLCARBAMATE DE 3-iodo-2-propynyle (CAS: 55406-53-6)

Biodegradability : Rapidly degradable.

HYDROCARBURES C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES

Biodegradability : Rapidly degradable.

12.2.2. Mixtures

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

12.3. Bioaccumulative potential

12.3.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Octanol/water partition coefficient : log K_{ow} = 0.4

BUTYLCARBAMATE DE 3-iodo-2-propynyle (CAS: 55406-53-6)

Octanol/water partition coefficient : log K_{ow} = 2.81

12.4. Mobility in soil

Contains volatile products that will disperse in air.

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

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

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.

Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

- 15 01 10 * packaging containing residues of or contaminated by dangerous substances
- 08 01 11 * waste paint and varnish containing organic solvents or other dangerous substances

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

SECTION 15 : REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

- Container information:

No data available.

- Labelling for VOCs present in varnishes, paints and in vehicle refinishing products (2004/42/EC) :

The permitted European level of VOC in this ready-to-use product is limited to 129 g/l.

The permitted European levels of VOC in the ready-to-use product (category IIAe) are 150 g/l maximum in 2007 and 130 g/l maximum in 2010.

- Particular provisions :

No data available.

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.

Wording of the phrases mentioned in section 3 :

H302	Harmful if swallowed.
H302 + H332	Harmful if swallowed or if inhaled.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.