
1 – Identification of the Preparation and of the Company

Identification of the preparation:

Product name: **CLEAN BOAT**
Use of the preparation: Cleaning agent.
Company identification:
Manufacturer: SG DISTRIBUTION
Address: 67 rue Sartoris
F-92250 LA GARENNE COLOMBES – France.
Telephone number: 33 (0)1 47 84 72 86
Fax number: 33 (0)1 47 84 51 05
Emergency telephone number: 33 (0)1 40 05 48 48 (Poisons Control Center of Paris).

2 – Hazards Identification

Classification of the preparation: According to criteria's of appendix I, II and III of the 1999/45/EC directive, this product is classified as:
IRRITANT.

Principal hazards:

Harmful effects on health: Irritating to eyes and skin.
Risk of serious damage to eyes.
Effects on the environment: Not classified as dangerous for the environment.
Physical and chemical hazards: No particular hazard of fire or explosion.

3 – Composition / Information on Ingredients

Preparation:

Chemical nature: Aqueous solution of sodium and potassium hydroxides.

Hazardous ingredients:

Substance	CAS N°	EC N°	EC classification	% w/w
Sodium hydroxide	1310-73-2	215-185-5	C; R35	< 2.5 %
Potassium hydroxide	1310-58-3	215-185-3	C; R35-22	< 2.5 %
Quaternary C12-14 alkylamine ethoxylate, chloride			Xn-N; R22-38-41-50	2.5 – 10 %
Fatty alcohol ethoxylated			Xn; R22-41	≤ 2.5 %
Tetrasodium ethylenediaminetetraacetate	64-02-8	200-573-9	Xn, Xi; R22-41-52/53	≤ 2.5 %

4 – First Aid Measures

Inhalation: Remove affected person/patient to fresh air, keep warm and at rest.
Skin contact: Immediately remove contaminated clothing and shoes.
Wash affected area thoroughly with soap and plenty of water.
Do not use solvent or thinner.
In case of important contact or if skin irritation appears: Seek medical attention.
Eye contact: Immediately flush eyes with large amounts of running water for at least 15 minutes, holding eyelids open.
In all the cases, consult an ophthalmologist, even in the absence of apparent damage.
Ingestion: Do not induce vomiting.
Rinse the mouth with water.
Obtain medical attention immediately.

Seek medical advice immediately, even in the absence of immediate damages. Show this sheet, the container or the label.

5 – Fire-Fighting Measures

Technical measures: Call the firemen immediately.
Evacuate the not concerned personnel.

Extinguishing media:
Suitable: Use materials appropriate for surrounding fire.

Special exposure hazard in fire: None to our knowledge.

Storage

Technical measures: Store the hermetically sealed container in dry place.

Storage conditions: Store at room temperature between 5 and 30°C.

8 – Exposure Controls / Personal Protection

Exposure limit values: Sodium hydroxide: VME France: 2 mg/m³. (1)
TLV-TWA USA: 2 mg/m³.
Potassium hydroxide VLE France: 2 mg/m³. (1)
TLV-TWA USA: 2 mg/m³.
(1) : INRS ND 2098-174-99 et ND 2114-176-99, arrêté Français du 30/06/04.

Exposure controls:

Technical measures Wear suitable protection equipment according to 89/686/CEE Directive.
Provide water supplies, eyewash fountains and safety showers in the vicinity.

Occupational exposure controls

Respiratory protection: No special ventilation is usually necessary.

Hand protection: Use protective gloves made of rubber according to Standard EN374.

Skin protection: Appropriate protective clothing.

Eye protection: Wear safety glasses with side shields or chemical goggles

Environmental exposure controls

Do not allow product to reach soil, sewage system or any water course.

Hygiene practice:

When using do not eat, drink or smoke.

Keep away from food, drink and animal feeding stuffs.

9 – Physical and Chemical Properties

General information

Appearance:

Physical state: Liquid at 20°C.

Important health, safety and environmental information

pH: Alkaline: 13.3.

Temperature characteristics

Flashpoint: Not concerned.

Boiling point: Not determined.

Freezing point: Not determined.

Decomposition temperature: Not determined.

Auto-inflammability temperature: Not determined.

Other data:

Density: > 1.

specific gravity: 1.05.

Vapour pressure: Not concerned.

Solubility in water: Soluble.

10 – Stability and Reactivity

Stability: Stable under handling and the storage conditions recommended.

Conditions to avoid: Do not mix with other substances.

11 – Toxicological Information

Acute toxicity:	(Assessment by the conventional method). No data on the formulation.
Local effects: Health effects:	
Cutaneous:	Irritant. Contained substances conventionally lead to foresee that an application on the healthy and intact skin of an animal for one length of time not exceeding four hours causes an important inflammation which persists at least twenty-four hours.
Eye:	Corrosive. Causes severe burns. Contained substances conventionally lead to foresee in the case of application on the eye of an animal, serious damage to eyes persisting at least twenty-four hours. Burns and damages of the cornea.
Ingestion:	Corrosive. Harmful if swallowed. May cause burns in mucous membranes in throat, oesophagus and stomach.

12 – Ecological Information

Ecotoxicity:	No data for the product itself.
Effects on aquatic organisms:	The product contains substance(s) classified very toxic to aquatic organisms.
Acute ecotoxicity:	The preparation is not anticipated to pose any environmental hazard.

Substance	CAS N°	Fish CL 50 (96 h)	Aquatic invertebrate CE 50 (48 h)
Sodium hydroxide	1310-73-2	125 mg/l	(Daphnia) 40 mg/l
Potassium hydroxide	1310-58-3	44 mg/l	(Daphnia) 270 mg/l
Quaternary C12-14 alkylamine ethoxylate, chloride		0.1 < CL50 ≤ 1 (2006/8/CE Directive)	
Fatty alcohol ethoxylated			
Tetrasodium ethylenediaminetetraacetate	64-02-8	> 500 mg/l (Leuciscus idus)	> 100 mg/l

Degradability:	The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.
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13 – Disposal Considerations

Waste disposal:	
Prohibitions	Do not reject to sewers or rivers or public waters.
Destruction/Elimination:	Neutralize before rejection of the waste drainage in a sewer (pH ranging between 5.5 and 8.5) then dilute with great quantities of water (> 100 times). In all the cases, dispose of waste in compliance with local or national regulations.
Soiled packing:	

Disposal: Eliminate the contaminated packaging in an approved collecting and recycling

Notice

The user should be aware of the possible existence of national, provincial, municipal or local regulations that may affect waste disposal procedures.

14 – Transport Information

International regulation:

	UN	Label	Packing class	Hazard	Code	QL	Dispo
Road/Rail (RID/ADR):	3267	8	III 8	80	C7	LQ19	274
Maritime (IMDG):	3267	8	III 8	EmS: F-A,S-B		5L	
	223 274 944						
Air freight (OACI /IATA):	3267	8	III 8	Note A3			

Proper Shipping Name:

Corrosive liquid, basic, organic, n.o.s.

(Sodium hydroxide and Potassium hydroxide)

IATA passenger : quantity package < 5 l instruction : 818.

IATA cargo : quantity package < 60 l instruction : 820.

Note

The regulations cited above are those in force as of the date of this writing. Due to the continuous evolution of regulations governing transport of hazardous materials, users are advised to obtain updated information from their supplier if the SDS in their possession is more than 12 months old.

15 – Regulatory Information

Community Regulations:

EEC Labeling:

The classification of this preparation was carried out in accordance with the 1999/45/EC directive and its adaptations. The 2001/59/EC directive was also taken into account.

Hazardous preparation, obligatory labeling (Auto-classification):
Concerned.

Identification of the hazardous product: Sodium hydroxide and Potassium hydroxide.

Symbols and indications of hazard: Irritant (Xi).

R-phrases: R 38: Irritating to skin.

R 41: Risk of serious damage to eyes.

S-phrases: S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/39: Wear suitable protective clothing and eye/face protection.

S 37: Wear suitable gloves.

S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 60: This material and its container must be disposed of as hazardous waste.

Exposure limit values: Sodium hydroxide: VME France: 2 mg/m³. (1)

TLV-TWA USA: 2 mg/m³.

Potassium hydroxide VLE France: 2 mg/m³. (1)

TLV-TWA USA: 2 mg/m³.

(1) : INRS ND 2098-174-99 et ND 2114-176-99, arrêté Français du 30/06/04.

Detergents: The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.

Labelling according to Regulation (EC) No. 648/2004:
< 5 % non-ionic surfactants,
< 5 % cationic surfactants,
< 5 % EDTA and salts.

National Regulations:

France:

Installation classées

Nomenclature des installations classées : Concerned.

Note

The legal information cited in this section (heading) reflects only the principal regulations specifically applicable to the subject of these SDS. The basic Community texts cited are the subjects of updates and are transcribed in national law.

Users are encouraged to refer to all applicable measures or provisions, international, national and local.

Users should be aware of the possible existence of other provisions supplementing these regulations.

16 – Other Information

Relevant R phrases:

- R 22: Harmful if swallowed.
- R 35: Causes severe burns.
- R 36: Irritating to eyes.
- R 38: Irritating to skin.
- R 41: Risk of serious damage to eyes.
- R 50: Very toxic to aquatic organisms.
- R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Author: SDS worked out by Mexel® SA, according to standard NF ISO 11014-1, the amended French decree of 5 January 1993 and the guideline of the FDS given in appendix II of European regulation EC 1907/2006 known as REACH.

Advice to users

This SDS supplements the technical notice but does not replace it. The information which it contains is based on the best data available as of the date of issuance, as are references to regulations and laws. It is given in good faith.

Users should be aware of potential risks if the product is used for purpose other than those for which it is intended.

The user is responsible for observing the regulations governing the usage of such products, and for observing appropriate precautions in usage, handling, and storage.

The laws and regulations cited in this document should not be considered an exhaustive listing ; they are mentioned to assist users in the proper usage of this product, but it remains the responsibility of users to observe all laws and regulations governing its usage.

End of the document: contains 7 pages.