

## FLASH WHITE 2D

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 - Product identifier

Trade name/designation FLASH WHITE 2D  
Chemical name  
Product-type Mixture  
Product code 10445-10446

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

Relevant identified uses

- ready-for-use product
- Facade whitening
- For professional use only

Uses advised against

- Do not use for private purposes (household).
- Do not spray in the direction of the face.

#### 1.3 - Details of the supplier of the safety data sheet

IPC  
10 QUAI MALBERT – CS 71821  
29218 BREST CEDEX 2 France  
Telephone : 0298434544  
Website [www.ipc@ipc-sa.com](http://www.ipc@ipc-sa.com)  
LAURENCE RANTY: 0671248626 [l.ranty@groupe-ipc.com](mailto:l.ranty@groupe-ipc.com)

#### 1.4 - Emergency telephone number

- Poison Centre. Tel: (+32) 070 245 245 or (+32) 02 264 96 30 Belgium

### SECTION 2: Hazards identification

#### 2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

In vitro skin corrosion test - OECD Line 431

Met. Corr. 1	Corrosive to metals - Category 1
Eye Dam. 1	Serious eye damage, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Skin Corr. 1B	Skin corrosion, Category 1B

#### 2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: sodium hypochlorite (CAS No.: 7681-52-9)

Signal word : Danger

Hazard pictograms



## FLASH WHITE 2D

### Hazard statements

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage
H412	Harmful to aquatic life with long lasting effects

### Precautionary statements

P260	Do not breathe vapours.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/a doctor.
P501	Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local regulation.

EUH-phrases : None

### Regulation (EC) No. 648/2004 (Detergents regulation)

#### Contains:

- less than 5%: amphoteric surfactants, chlorine-based bleaching agents
- perfumes

### 2.3 - Other hazards

PBT-substance. - No substance present at more than 0.1% meets the criteria for classification as a PBT substance according to annex XIII of REACH regulation (EU) n ° 1907/2006

vPvB-substance. - No substance present at more than 0.1% meets the criteria for classification as a vPvB substance in accordance with Annex XIII of REACH Regulation (EU) No. 1907/2006

Other hazards which do not result in classification - No substance is known to have endocrine disrupting properties in accordance with Regulation (EU) 2017/2100

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
sodium hypochlorite	CAS No. : 7681-52-9 Index No. : 017-011-00-1 EC No. : 231-668-3 REACH No. : 01-2119488154-34-XXXX	1 - 5	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Eye Dam. 1 - H318 Met. Corr. 1 - H290 Skin Corr. 1B - H314	EUH031 - : 5<=%<=100 M-factor: 10 / 1
Amines, C12-14 -alkyldimethyl , N-Oxides	CAS No. : 308062-28-4 Index No. : EC No. : 931-292-6 REACH No. : 01-2119490061-47-XXXX	0,1 - 1	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 Eye Dam. 1 - H318 Skin Irrit. 2 - H315	M-factor: 1 ATE oral 1064

## FLASH WHITE 2D

### SECTION 4: First aid measures

#### 4.1 - Description of first aid measures

<u>Following inhalation</u>	<ul style="list-style-type: none"><li>- 1 - In case of massive inhalation and symptoms, transport the victim outside and keep him/her at rest in a position where he/she can breathe comfortably</li><li>- 2 - Immediately call a doctor or the Poison Control Centre, specifying the product</li><li>- 3 - Make sure there is good air circulation. Untie anything that might be tight, such as a collar, tie, belt...</li><li>- 4 - In case of fainting, place the person in the lateral safety position (PLS)</li><li>- 5 - Give artificial respiration ONLY if the subject is not breathing (mouth to mouth)</li><li>- 6 - Carry out cardiopulmonary resuscitation (cardiac massage) if there is both respiratory arrest and absence of a pulse</li></ul>
<u>Following skin contact</u>	<ul style="list-style-type: none"><li>- When in doubt or if symptoms are observed, get medical advice.</li><li>- 1 - Remove the container and stop the flow of the causative agent</li><li>- 2 - Remove soiled or impregnated clothing immediately.</li><li>- 3 - In case of doubt or if there are symptoms, seek immediate medical attention or contact the Poison Control Centre.</li><li>- 4 - Indicative rinse time:</li></ul>
<u>After eye contact</u>	<ul style="list-style-type: none"><li>- 1 - Rinse the eye with plenty of warm water or physiological serum for at least 15 minutes.</li><li>- 2 - Immediately call a doctor or the Poison Control Centre, specifying the product</li><li>- 3 - Rinsing instructions: remove contact lenses if the victim is wearing them and if they can be easily removed, continue rinsing. Always run the water from the nose to the ear. Avoid splashing into the other eye. Hold the eye open with your fingers. Move the eye in all directions while rinsing.</li><li>- 4 - Once the rinsing is done, cover the eye with a compress while waiting for help.</li></ul>
<u>After ingestion</u>	<ul style="list-style-type: none"><li>- 1 - NEVER make the victim VOMITING or DRINKING</li><li>- 2 - Immediately call a doctor or the Poison Control Centre, specifying the product.</li><li>- 3 - Take the victim outside and keep him/her at rest in a position where he/she can breathe comfortably.</li><li>- 4 - If vomiting occurs, hold the head down to prevent vomit from entering the lungs.</li></ul>

#### 4.2 - Most important symptoms and effects, both acute and delayed

<u>Symptoms and effects - Following inhalation</u>	- The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.
<u>Symptoms and effects - Following skin contact</u>	- The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.
<u>Symptoms and effects - After eye contact</u>	- The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.
<u>Symptoms and effects - After ingestion</u>	- The most important known symptoms and effects are described on the label (see section 2.2) and / or in section 11.

#### 4.3 - Indication of any immediate medical attention and special treatment needed

## FLASH WHITE 2D

- Consult your doctor and show him this safety data sheet

### SECTION 5: Firefighting measures

#### 5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	<ul style="list-style-type: none"><li>- 1 - Class B lights:</li><li>- 2 - Powder extinguisher (dry multipurpose ABC and BC powder)</li><li>- 3 - CO2 fire extinguisher</li><li>- 4 - Water with AFFF (Floating Film Forming Agent) additive</li><li>- 5 - Foam</li><li>- 6 - Sand</li><li>- 7 - Fire blanket</li></ul>
<u>Unsuitable extinguishing media</u>	<ul style="list-style-type: none"><li>- 1 - Water spray extinguishers without additives, except for flammable fires with a flashpoint above 100°C</li><li>- 2 - Water jet spray</li><li>- 3 - Water should not be used on liquids less dense than water</li></ul>

#### 5.2 - Special hazards arising from the substance or mixture

<u>Special hazards arising from the substance or mixture</u>	- A fire will often produce thick black smoke. Exposure to decomposition products can cause health risks
<u>Hazardous decomposition products</u>	<ul style="list-style-type: none"><li>- Do not breathe fumes. Combustion products may contain carbon monoxide, carbon dioxide (CO<sub>2</sub>), nitrogen oxide (NO), nitrogen dioxide (NO<sub>2</sub>)</li><li>- Methyl chloride</li></ul>

#### 5.3 - Advice for firefighters

- \* Main fire-fighting measures:
- 1- The intervention must be carried out wearing boots, gloves, eye and face protection, a self-contained breathing apparatus and a suit adapted to the chemical substances
- 2- Remove the fuel.
- 3- Prevent the containers from heating up by using water curtains or a heat shield.
- 4- Isolate the impacted area.
- 5- Adapting extinguishing measures to the surrounding environment
- 6- Do not allow extinguishing water to enter drains and waterways, treat as hazardous waste.

### SECTION 6: Accidental release measures

#### 6.1 - Personal precautions, protective equipment and emergency procedures

<u>For non-emergency personnel</u>	<ul style="list-style-type: none"><li>- *Procedure in the event of a spill</li><li>- 1- Alert / evacuate people in the immediate area.</li><li>- 2- Cut off the source of the spill and sources of ignition and heat</li><li>- 3- Schließen Sie die Türen oder sperren Sie den Bereich mit Klebeband ab.</li><li>- 4- Put on the appropriate personal protective equipment (see section 8).</li><li>- 5 - Avoid breathing the vapours and wear an appropriate filter mask</li><li>- 6- Contain and cover the spill with suitable absorbent granules (see 6.3).</li><li>- 7- Ventilate to the outside.</li><li>- 8- Collect the absorbent granules and dispose of them as hazardous waste (see heading 13). Clean the soiled area thoroughly with water.</li></ul>
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## FLASH WHITE 2D

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- 9- If the spill is not under control, call the emergency services on site and prepare the Safety Data Sheets (SDS) to be given to the response team. If there are signs of seriousness, evacuate the houses. Report the accident to the DREAL.

For emergency responders - Rescuers are equipped with appropriate personal protective equipment (see section 8).

### 6.2 - Environmental precautions

- 1 - Avoid release to the environment.
- 2 - Prevent run-off into waterways, sewers, basements or enclosed spaces
- 3 - Contain and collect spills with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth in drums for waste disposal
- 4 - Waste from cleaning up the spill should be treated as hazardous waste.

### 6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- \* Set up a protective enclosure: use socks, absorbent sheets and pads for minor spills and booms, absorbent rolls for major spills.
- \* Contain and collect spills with non-combustible absorbent materials in drums for waste disposal.
- \* Sewer covers: use blanket covers, unless the building is on retention and the sewers are connected to retention tanks.

Methods and material for cleaning up

- \* Absorb with a liquid-binding substance (sand, diatomite, acid binder, universal binder).

### 6.4 - Reference to other sections

- \* Refer to Section 13 for the management of contaminated absorbents
- \* See section 4 for first aid measures
- \* See section 5 for fire-fighting measures
- \* See section 8 for personal protective equipment

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## SECTION 7: Handling and storage

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### 7.1 - Precautions for safe handling

Recommendation

- It is recommended to design all work processes always so that the following is excluded: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact

Advices on general occupational hygiene

- \* Read the label or leaflet before use and follow the specific instructions for each use.
- \* Avoid contact with skin, eyes and clothing.
- Rinse application equipment with water after each use
- \* Wash your hands after each use
- \* Wash soiled clothing before reuse.
- \* The work clothes used must not be worn outside the work area.
- \* Do not eat, drink, smoke or snuff during use.
- Use in spray
- Spray at 30cm from the surfaces
- Do not spray in the direction of the face.

## FLASH WHITE 2D

### 7.2 - Conditions for safe storage, including any incompatibilities

- \*Store only in its original packaging.
- \* Keep container tightly closed and in a well-ventilated place.
- \*Storage must be separated from acids
- \*Prohibit access to unauthorized persons.
- \*Protect against: High heat
- \*Storage temperature: 5-25°C
- \*Shelf life: 12 months

### 7.3 - Specific end use(s)

- For more information on the use of the product, see the technical data sheet and the label.

## SECTION 8: Exposure controls/personal protection

### 8.1 - Control parameters

#### DNEL / PNEC

Amines, C12-14 –alkyldimethyl , N-Oxides (308062-28-4)			
Type	Value	User	Effect
DNEL long-term oral (repeated)	0,44 mg/kg bw/day	Consumers	Systemic
DNEL long-term inhalative	1,53 mg/m <sup>3</sup>	Consumers	Systemic
DNEL long-term inhalative	6,2 mg/m <sup>3</sup>	Workers	Systemic
DNEL long-term dermal	5,5 mg/kg bw/day	Consumers	Systemic
DNEL long-term dermal	11 mg/kg bw/day	Workers	Systemic
PNEC aquatic, freshwater	0,034 mg/l		
PNEC aquatic, marine water	0,003 mg/l		
PNEC aquatic, intermittent release	0,034 mg/l		
PNEC sediment, freshwater	5,24 mg/kg		
PNEC sediment, marine water	0,524 mg/kg		
PNEC soil	1,02 mg/kg		
PNEC Secondary Poisoning	11,1 mg/kg		
PNEC sewage treatment plant (STP)	24 mg/l		
sodium hypochlorite (7681-52-9)			
Type	Value	User	Effect
DNEL long-term oral (repeated)	0,26 mg/kg bw/day	Consumers	Systemic
DNEL acute inhalative	3,1 mg/m <sup>3</sup>	Consumers	Systemic
DNEL acute inhalative	3,1 mg/m <sup>3</sup>	Workers	Systemic
DNEL acute inhalative	3,1 mg/m <sup>3</sup>	Consumers	Local
DNEL acute inhalative	3,1 mg/m <sup>3</sup>	Workers	Local
DNEL long-term inhalative	1,55 mg/m <sup>3</sup>	Consumers	Systemic
DNEL long-term inhalative	1,55 mg/m <sup>3</sup>	Consumers	Local
DNEL long-term inhalative	1,55 mg/m <sup>3</sup>	Workers	Local
DNEL long-term inhalative	1,55 mg/m <sup>3</sup>	Workers	Systemic
DNEL long-term dermal	0,5 mg/kg bw/day	Workers	Local
DNEL long-term dermal	0,5 mg/kg bw/day	Consumers	Local
PNEC aquatic, freshwater	0,00021 mg/l		
PNEC aquatic, marine water	4,2E-05 mg/l		
PNEC aquatic, intermittent release	0,00026 mg/l		
PNEC sewage treatment plant (STP)	0,03 mg/l		

### 8.2 - Exposure controls

## FLASH WHITE 2D

### Appropriate engineering controls

- \* Assurer une ventilation suffisante du lieu de stockage.
- \* Maintain premises and workstations in perfect clean condition, clean them frequently
- \* Store personal protective equipment in a clean place away from the work area.
- \* Use clean and properly maintained personal protective equipment. Check condition before use.

### Individual protection measures, such as personal protective equipment

- Suitable eye protection: Eye glasses with side protection
- Tested protective gloves must be worn
- It is advisable to use protective gloves against chemical risks (Standard NF EN 374-1: 2016)
- Protective clothing
- It is advisable to use protective clothing against chemical risk (Standard NF EN 14605)
- During post-application tasks such as rinsing, no personal protective equipment is required.



## SECTION 9: Physical and chemical properties

### 9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>	Colorless to light yellow	<u>Odour</u>	EUCALYPTUS
Odour threshold	No data available		
pH	12 < V < 14 pH-meter Mettler Toledo Five Easy, 20°C		
Melting point	No data available		
Freezing point	No data available		
Boiling point	No data available		
Flash point	> 86 °C DEFITRACES report No. 22G-0186 et 22G-0189 -Flash point In compliance with: Regulation (EC) No. 1907/2006, Council Regulation (EC) No. 440/2008 EC A.9. Method (2008) and ISO Standard 3679 (2022)		
Evaporation rate	No data available		
flammability	No data available		
Lower explosion limit	No data available		

## FLASH WHITE 2D

Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Density	1 kg/l < V < 1,1 kg/l @ 20 °C
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

### Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

### 9.2 - Other information

VOC content	0,013 %
Minimum ignition energy	No data available
Conductivity	No data available

## SECTION 10: Stability and reactivity

### 10.1 - Reactivity

- Beware of reactions between acids and bases

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

### 10.4 - Conditions to avoid

- Keep away from heat.
- Keep in a cool place away from acids.
- Do not mix with other products

### 10.5 - Incompatible materials

- Incompatible with strong acids and strong oxidants
- Acétal (Delrin)
- Carbon steel
- Aluminum



## FLASH WHITE 2D

- Carpenter 20
- cast iron
- Nylon
- polyurethane

### 10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.
- Refer to section 5.2 for combustion products.

## SECTION 11: Toxicological information

### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

#### Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

#### Toxicity : Substances

<b>Amines, C12-14 –alkyldimethyl , N-Oxides (308062-28-4)</b>	
LD50 oral (rat)	1064 mg/kg OCDE 401
LD50 dermal (rat)	> 2000 mg/kg OCDE 402
<b>sodium hypochlorite (7681-52-9)</b>	
LD50 oral (rat)	> 1100 mg/kg (Rat; Substance d'essai: Chlore) (OCDE ligne directrice 401)
LD50 dermal (rabbit)	> 20000 mg/kg (Lapin; Substance d'essai: Chlore) (OCDE ligne directrice 402)
LC50 inhalation (rat)	> 10,5 ppmV (Rat; 1 h; Substance d'essai: Chlore) (OCDE ligne directrice 403)

Skin corrosion/irritation - Skin corrosion, Category 1B - Causes severe skin burns and eye damage

Serious eye damage/eye irritation - Serious eye damage, Category 1

- Risk of serious damage to eyes.
- Causes serious eye irritation.

## FLASH WHITE 2D

<u>Respiratory or skin sensitisation</u>	- Not classified
<u>Germ cell mutagenicity</u>	- Not classified
<u>Carcinogenicity</u>	- Not classified
<u>Reproductive toxicity</u>	- Not classified
<u>STOT-single exposure</u>	- Not classified
<u>STOT-repeated exposure</u>	- Not classified
<u>Aspiration hazard</u>	- Not classified

### 11.2 - Information on other hazards

- Interaction effects of substances in the mixture: No data on interaction effects of
- The mixture does not contain substances identified as endocrine disruptors for human health

## SECTION 12: Ecological information

### 12.1 - Toxicity

#### Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

#### Toxicity : Substances

Amines, C12-14 –alkyldimethyl , N-Oxides (308062-28-4)	
EC50 48 hr crustacea	3,1 mg/l (Daphnia magna) OCDE 202
LC50 96 hr fish	2,67 mg/l (Pimephales promelas)
NOEC chronic fish	0,42 mg/l (Pimephales promelas) 302 jours; (EPA OPPTS 850.1500)
NOEC chronic crustacea	0,7 mg/l (Daphnia magna) 21 jours OCDE ligne directrice 211
NOEC chronic algae	0,067 mg/l (28 jours)

## FLASH WHITE 2D

sodium hypochlorite (7681-52-9)	
EC50 48 hr crustacea	0,141 mg/l (Daphnia magna (Grande daphnie ); 48 h)
LC50 96 hr fish	0,06 mg/l (Salmo gairdneri)
NOEC chronic fish	0,04 mg/l (Menidia peninsulae (capucette nord-américaine); 96 h)
NOEC chronic crustacea	0,007 mg/l (Crassostrea virginica; 15 jr) Eau de mer
NOEC chronic algae	0,0021 mg/l (algue; 7 Jrs) Eau douce

- Harmful to aquatic life with long lasting effects.

### 12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

### 12.4 - Mobility in soil

- No information available.

### 12.5 - Results of PBT and vPvB assessment

- No substance present at more than 0.1% meets the criteria for classification as a PBT substance according to annex XIII of REACH regulation (EU) n ° 1907/2006

- No substance present at more than 0.1% meets the criteria for classification as a vPvB substance in accordance with Annex XIII of REACH Regulation (EU) No. 1907/2006

### 12.6 - Endocrine disrupting properties

- This mixture does not contain substances with endocrine disrupting properties for non-target organisms, as they do not meet the criteria set out in part B of Regulation (EU) 2017/2100

### 12.7 - Other adverse effects

- No information available.

## SECTION 13: Disposal considerations

### 13.1 - Waste treatment methods

Waste treatment methods - Waste code for the product: 16 03 05\*

## FLASH WHITE 2D

- Waste code for packaging: 15 01 10\* (Packaging containing residues of or contaminated by dangerous substances)
- 1- Appropriate waste management of the mixture and/or its container must be determined in accordance with the provisions of Directive 2008/98/EC.
- 2- Waste management is done without endangering human health and without harming the environment, and in particular without creating a risk for water, air, soil, fauna or flora.
- 3- Recycle or eliminate in accordance with the legislation in force, preferably by a collector or an approved company.
- 4- Do not contaminate the ground or water with waste, do not dispose of it in the environment.
- 5- Soiled packaging: Completely empty the container. Keep the label on the container. Give to a certified disposal contractor

### Sewage disposal

- Do not discharge into drains or waterways

### Special precautions for waste treatment

- \* Respect the method of treatment taking into account the "Waste Hierarchy": (Waste Framework Directive)
- 1. Prevention (reducing consumption, extending life, reducing the harmful effects of the waste or the content of harmful substances)
- 2. Preparation for re-use (checking, cleaning or repairing for recovery of waste for re-use without pre-treatment)
- 3. Recycling (reprocessing of waste into products, materials or substances for their original function or for other purposes)
- 4. Other recovery, including energy recovery (making the waste replace materials that would have been used, or fuels for energy recovery)
- 5. Disposal (any operation that is not recovery)

### Community or national or regional provisions

- For waste disposal, contact the relevant authorised waste disposal service.

### Waste codes / waste designations according to Regulation 2014/955/UE

16 03 05\* - organic wastes containing hazardous substances

## SECTION 14: Transport information

### 14.1 - UN number or ID number

UN number (ADR) : UN1719  
UN number (RID) : UN1719  
UN number (IMDG) : UN1719

### 14.2 - UN proper shipping name

UN proper shipping name (ADR) : CAUSTIC ALKALI LIQUID, N.O.S. (potassium hydroxide, caustic potash, sodium hypochlorite)  
UN proper shipping name (RID) : CAUSTIC ALKALI LIQUID, N.O.S. (potassium hydroxide, caustic potash, sodium hypochlorite)  
UN proper shipping name (IMDG) : CAUSTIC ALKALI LIQUID, N.O.S. (potassium hydroxide, caustic potash, sodium hypochlorite)

### 14.3 - Transport hazard class(es)

ADR Transport hazard : 8

## FLASH WHITE 2D

class(es)

ADR Classification code: : C5

Pictograms



Transport hazard class(es) (RID) : 8

Pictograms



Transport hazard class(es) (IMDG) : 8

Pictograms



### 14.4 - Packing group

Packing group : II

Packing group (RID) : II

Packing group (IMDG) : II

### 14.5 - Environmental hazards

Environmental hazards : No

Marine pollutant : No

### 14.6 - Special precautions for user

## FLASH WHITE 2D

### **ADR**

<u>ADR Classification code:</u>	:	C5
<u>ADR Special provisions</u>	:	274
<u>ADR Limited quantity (LQ)</u>	:	1L
<u>ADR Excepted quantities</u>	:	E2
<u>ADR Packing instructions</u>	:	P001 IBC02
<u>ADR Special packing provisions</u>	:	
<u>ADR Mixed packing provisions</u>	:	MP15
<u>Instructions for portable tanks and bulk containers</u>	:	T11
<u>Special provisions for portable tanks and bulk containers</u>	:	TP2 TP27
<u>ADR tank code</u>	:	L4BN
<u>ADR tanks special provisions</u>	:	
<u>Vehicle for tank carriage</u>	:	AT
<u>ADR Transport category</u>	:	2
<u>ADR Tunnel restriction code</u>	:	E
<u>ADR Special provisions loading, unloading and handling</u>	:	
<u>Special provisions - Packages</u>	:	
<u>Special provisions - Bulk</u>	:	
<u>Special provisions - Operation</u>	:	
<u>ADR Hazard identification number (Kemler No.)</u>	:	80

### **RID**

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	

### **IMDG**

<u>Special provisions</u>	:	274
<u>Limited quantity (LQ)</u>	:	1 L
<u>Excepted quantities</u>	:	E2
<u>Packing instructions</u>	:	P001
<u>Special packing provisions</u>	:	
<u>IBC instruction(s)</u>	:	IBC02
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	T11
<u>Special provisions for portable tanks and bulk containers</u>	:	TP2 TP27
<u>EmS codes</u>	:	F-A, S-B
<u>Stowage and handling</u>	:	Category A
<u>Segregation</u>	:	SGG18 SG22 SG35
<u>Properties and observations</u>	:	Reacts violently with acids. Reacts with ammonium salts, evolving ammonia gas. Causes burns to skin, eyes and mucous membranes.

14.7 - Maritime transport in bulk according to IMO instruments

## SECTION 15: Regulatory information

15.1 - Safety, health and environmental regulations/legislation specific for the substance or mixture

## FLASH WHITE 2D

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content 0,013 %

- \* Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
- \* Information relating to Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (DIR-VOC)
- \* The surfactants contained in this mixture comply with the biodegradability criteria as defined in Regulation (EC) No 648/2004 on detergents.
- \* Regulation (EC) No. 648/2004 on detergents
- \* Regulation (EU) No. 2019/1021 of the European Parliament and of the Council of June 20, 2019 on persistent organic pollutants. (POPs): None of the components are submitted.
- \* Regulation EU.n° 2019/1148: Annex I - PRECURSORS OF EXPLOSIVES SUBJECT TO RESTRICTIONS (Maximum limit value for the purpose of granting a license under article 5, paragraph 3): None components is submitted.
- \* Regulation EU.n° 2019/1148: Annex II - PRECURSORS OF EXPLOSIVES SUBJECT TO A REPORT: None of the components are subject.
- \* Regulations EU n° 273/2004 and EU: 111/2005 on drug precursors: None of the components are subject.

Regulation (EC) No. 648/2004 (Detergents regulation)

Contains:

- less than 5%: amphoteric surfactants, chlorine-based bleaching agents
- perfumes

### 15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No chemical safety assessment has been performed for the mixture.

## SECTION 16: Other information

### SDS versions

Version	Issue date	Author	Description of the amendments
1,04	15/11/2023		Update of sections: 1.2 - 2 - 7 - 8 - 9 - 10 - 15 - 16
1,03	19/05/2022		Update part 14
1,02	04/05/2022		Update of SDS headings - compliance with Annex II of the REACH Regulation (amended by Regulation (EU) No 878/2020 of 18 June 2020)
1,01	19/11/2021		
1	02/08/2021		

literature information ECHA

Data sources: Suppliers

### Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1

## FLASH WHITE 2D

Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Eye Dam. 1	Serious eye damage, Category 1
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
Met. Corr. 1	Corrosive to metals - Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Irritation, Category 2

Training advice - Reserved for industrial and professional use.

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP] according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 453/2010)  
Complies with Annex II of the REACH regulation amended by REGULATION (EU) N°878/2020 of June 18, 2020  
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.  
Observe technical data sheet.

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