

Extincteur AL6S – 30 (0131068K) ; AL9 S-30 (0131070K)

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

1.1 - Product identifier

Trade name/designation Extincteur AL6S – 30 (0131068K) ; AL9 S-30 (0131070K)

Chemical name

Product-type Mixture

Product code 0131068K / 0131070K

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

Relevant identified uses - Fire extinguishing, fires A and B, between -30°C and +60°C

Uses advised against - Do not use for uses other than those recommended.

1.3 - Details of the supplier of the safety data sheet

USINES DESAUTEL

5 Boulevard du Maréchal de Lattre de Tassigny

69330 Meyzieu

Telephone : 04.72.45.06.06 Fax 04.72.02.73.95

Website <https://www.desautel.fr>

sécurité Contact: 04.72.45.06.06 info.meyzieu@desautel.fr

1.4 - Emergency telephone number

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

Skin Irrit. 2	Irritation, Category 2
Eye Irrit. 2	Eye irritation - Category 2

2.2 - Label elements

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

Signal word : Warning

Hazard pictograms



Hazard statements

H315	Causes skin irritation
H319	Causes serious eye irritation

Precautionary statements

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/eye protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.

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P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
EUH-phrases	: None

2.3 - Other hazards

PBT-substance. - The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

vPvB-substance. - The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

Other hazards which do not result in classification - No information available.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
potassium acetate	CAS No. : 127-08-2 Index No. : EC No. : 204-822-2 REACH No. : 01-2119486975-16-XXXX	20 - < 30	Eye Irrit. 2 - H319 Skin Irrit. 2 - H315	Not applicable
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	CAS No. : 112-34-5 Index No. : 603-096-00-8 EC No. : 203-961-6 REACH No. : 01-2119475104-44	1 - < 5	Eye Irrit. 2 - H319	Not applicable
	CAS No. : 107-21-1 Index No. : 603-027-00-1 EC No. : 203-473-3 REACH No. : 01-2119456816-28-XXXX	5 - < 15	Acute Tox. 4 Oral - H302 STOT RE 2 - H373	Not applicable
carbon dioxide	CAS No. : 124-38-9 Index No. : EC No. : 204-696-9	0,5 - 1,5	Gaz liquéfié - H280	Not applicable
N-(2-hydroxyethyl)-N-[2-[(1-oxooctyl)amino]ethyl]-β-alanine	CAS No. : 64265-45-8 Index No. : EC No. : 264-761-2 REACH No. : 01-2120769114-55-xxxx	< 0,2	Aquatic Chronic 2 - H411 Eye Irrit. 2 - H319 Skin Sens. 1B - H317	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - No special measures are necessary.
- Provide fresh air.

Following skin contact - After contact with skin, wash immediately with plenty of water and soap.
- In case of skin irritation, consult a physician.

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After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

After ingestion - Rinse mouth thoroughly with water.
- Do NOT induce vomiting.

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

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - Causes skin irritation.

Symptoms and effects - After eye contact - Causes eye irritation.

Symptoms and effects - After ingestion - No information available.

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

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media - ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Extinguishing powder

Unsuitable extinguishing media - Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - No information available.

Hazardous decomposition products - Carbon dioxide (CO₂)
- Carbon monoxide

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Use personal protection equipment.

For emergency responders - No information available.

6.2 - Environmental precautions

- No information available.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment - No information available.

Methods and material for cleaning up - Take up mechanically.

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- Wash with plenty of water.

Inappropriate techniques

- No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation

- Avoid: Eye contact
- Avoid: Generation/formation of dust
- It is recommended to design all work processes always so that the following is excluded: Eye contact
- Avoid: Skin contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact
- The fire extinguisher is a pressure vessel that must only be opened by qualified personnel.
- Maintenance operations must be performed by qualified and authorized personnel.
- Before dismantling the unit, always check the absence of internal pressure, do not position your head above the fire extinguisher. Recover the used fire extinguishing charge for destruction by an approved die.
- Spare parts used in maintenance must conform to the certified model.

Advices on general occupational hygiene

- Used working clothes should not be worn outside the work area.
- When using do not eat, drink, smoke, sniff.
- Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

- Store in a place accessible by authorized persons only.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)

IOELV TWA mg/m3 (UE)	67,5 mg/m3
IOELV TWA ppm (UE)	10 ppm
IOELV STEL mg/m3 (UE)	101,2 mg/m3
IOELV STEL ppm (UE)	15 ppm

DNEL / PNEC

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2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)

Type	Value	User	Effect
DNEL short-term oral (acute)	6,25 mg/kg	Consumers	Systemic
DNEL acute inhalative	101,2 mg/m ³	Workers	Local
DNEL long-term inhalative	67,5 mg/m ³	Workers	Local
PNEC aquatic, freshwater	1,1 mg/l		
PNEC aquatic, marine water	0,11 mg/l		
PNEC aquatic, intermittent release	11 mg/l		
PNEC sediment, freshwater	4,4 mg/kg		
PNEC sediment, marine water	0,44 mg/kg		

8.2 - Exposure controls

Appropriate engineering controls - No information available.

Individual protection measures, such as personal protective equipment - Tested protective gloves must be worn

- For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- Barrier creams are not substitutes for body protection.
- Protective clothing



SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Solid	<u>Appearance</u>
<u>Colour</u>		<u>Odour</u>
Odour threshold		No data available
pH		No data available
Melting point		No data available
Freezing point		No data available
Boiling point		No data available
Flash point		No data available
Evaporation rate		No data available
flammability		No data available
Lower explosion limit		No data available
Upper explosion limit		No data available
Vapour pressure		No data available
Vapour density		No data available
Relative density		No data available
Density		No data available

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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
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9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

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

- No information available.

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

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

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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

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)	
LD50 oral (rat)	> 2000 mg/kg
LD50 dermal (rabbit)	> 2000 mg/kg
LC50 inhalation (rat)	1300 ppmV
New product (107-21-1)	
LD50 oral (rat)	500 mg/kg
LD50 dermal (rat)	10600 mg/kg
LD50 dermal (rabbit)	10600 mg/kg
LC50 inhalation (rat)	2,5 ppmV

Skin corrosion/irritation - Irritation, Category 2 - Causes skin irritation

- Irritating to skin.

Serious eye damage/eye irritation - Eye irritation - Category 2 - Causes serious eye irritation

- Irritating to eyes.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

- No information available.

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

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NOEC chronic other aquatic plants	No data available
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Toxicity : Substances

2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)	
EC50 48 hr crustacea	> 100 mg/l
LC50 96 hr fish	1300 mg/l
NOEC chronic crustacea	> 100 mg/l
NOEC chronic algae	> 100 mg/l
New product (107-21-1)	
EC50 48 hr crustacea	> 100 mg/l
LC50 96 hr fish	72860 mg/l
ErC50 other aquatic plants	6500 mg/l < V < 13000 mg/l

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

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

- The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

- The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 - Endocrine disrupting properties

- No further relevant information available.

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

Special precautions for waste treatment - No information available.

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Community or national or regional provisions - No information available.

SECTION 14: Transport information

14.1 - UN number or ID number

UN number (ADR) : UN1044
UN number (RID) : Not applicable
UN number (ADN) : Not applicable
UN number (IMDG) : UN1044
UN number (IATA) : UN1044

14.2 - UN proper shipping name

UN proper shipping name (ADR) : FIRE EXTINGUISHERS (carbon dioxide)
UN proper shipping name (IMDG) : FIRE EXTINGUISHERS (carbon dioxide)
UN proper shipping name (IATA) : FIRE EXTINGUISHERS (carbon dioxide)

14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 2
ADR Classification code: : 6A
Pictograms



Pictograms
Transport hazard class(es) (IMDG) : 2
Pictograms



Transport hazard class(es) (IATA) : 2
Pictograms



14.4 - Packing group

Packing group :
Packing group (IMDG) :
Packing group (IATA) :

14.5 - Environmental hazards

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Environmental hazards : No
Marine pollutant : No

14.6 - Special precautions for user

ADR

ADR Classification code: : 6A
ADR Special provisions : 225+594
ADR Limited quantity (LQ) : 120ml
ADR Excepted quantities : E0
ADR Packing instructions : P003
ADR Special packing provisions : PP91
ADR Mixed packing provisions : MP9
Instructions for portable tanks and bulk containers :
Special provisions for portable tanks and bulk containers :
ADR tank code :
ADR tanks special provisions :
Vehicle for tank carriage :
ADR Transport category : 3
ADR Tunnel restriction code : E
ADR Special provisions loading, unloading and handling : CV9
Special provisions - Packages :
Special provisions - Bulk :
Special provisions - Operation :
ADR Hazard identification number (Kemler No.) :

IMDG

Special provisions : 225
Limited quantity (LQ) : 120 ml
Excepted quantities : E0
Packing instructions : P003
Special packing provisions : PP91
IBC instruction(s) :
IBC provisions :
Instructions for portable tanks and bulk containers :
Special provisions for portable tanks and bulk containers :
EmS codes : F-C, S-V
Stowage and handling : Category A
Segregation :
Properties and observations : Fire extinguishers, containing compressed or liquefied gases under pressure above 175 kPa for expelling fire-extinguishing contents.

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IATA

<u>PCA - Excepted quantities</u>	:	E0
<u>PCA - Limited Quantity - Packing Instructions</u>	:	Forbidden
<u>PCA - Limited Quantity - Maximum Net Quantity per Package</u>	:	Forbidden
<u>PCA - Packing Instructions</u>	:	213
<u>PCA - Maximum Net Quantity per Package</u>	:	75kg
<u>CAO - Packing Instructions</u>	:	213
<u>CAO - Maximum Net Quantity per Package</u>	:	150kg
<u>Special Provisions</u>	:	A19
<u>ERG Code</u>	:	2L

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (Index No.: 603-096-00-8 - EC No.: 203-961-6 - CAS No.: 112-34-5)

VOC content No data available

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	15/06/2022		

Abbreviations and acronyms

- Aquatic Chronic 3: Dangers pour le milieu aquatique- toxicité à long terme pour le milieu aquatique – Catégorie 3
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- DNEL acute inhalative (local)
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Eye Irrit. 2: Lésions oculaires graves/irritation oculaire – Catégorie 2
- Bioconcentration factor (BCF)
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- IATA: International Air Transport Association
- IMDG: International Maritime Code for Dangerous Goods
- Skin Irrit. 2: Corrosion cutanée/irritation cutanée – Catégorie 2
- Skin Sens. 1: Sensibilisation cutanée – Catégorie 1
- SVHC substance.
- Land transport (ADR/RID)

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Data sources: Supplier
[Http://echa.europa.eu/](http://echa.europa.eu/)

Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Eye Irrit. 2	Eye irritation - Category 2
Gaz liquéfié	Liquefied gas
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1B	Skin sensitization - Category 1B
STOT RE 2	STOT-repeated exposure - Category 2

Training advice - Further information: see technical data sheet.

In conformity with Regulation (EC) No 2020/878

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.

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