

ARTHYL 25 - 07010-07011

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 : ARTHYL 25

Product code : 07010-07011.

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

Arterial fluid: bring to the skin a natural tint.

Professional use

1.3. Details of the supplier of the safety data sheet

Registered company name : HYGECO.

Address : 20 Boulevard de la Muette - BP 64.95142.GARGES-LES-GONESSE CEDEX.FRANCE.

Telephone : +33 (0) 1 34 53 40 60. Fax : +33 (0) 1 39 86 34 00.

info@hygeco.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

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

Other emergency numbers

NPIS (National Poisons Information Service) : 111. <http://www.npis.org/>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Acute oral toxicity, Category 4 (Acute Tox. 4, H302).

Acute dermal toxicity, Category 3 (Acute Tox. 3, H311).

Acute inhalation toxicity, Category 2 (Acute Tox. 2, H330).

Skin corrosion, Category 1B (Skin Corr. 1B, H314).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

Skin sensitisation, Category 1A (Skin Sens. 1A, H317).

Germ cell mutagenicity, Category 2 (Muta. 2, H341).

Carcinogenicity, Category 1B (Carc. 1B, H350).

Specific target organ toxicity (single exposure), Category 2 (STOT SE 2, H371).

Specific target organ toxicity (single exposure), Category 3 (STOT SE 3, H335).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Biocidal mixture (see section 15).

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

Hazard pictograms :



GHS05



GHS06



GHS08

Signal Word :

DANGER

Product identifiers :

EC 200-001-8

FORMALDEHYDE

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EC 200-659-6 METHANOL

Additional labeling :

For professional use only.

Hazard statements :

H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H330 Fatal if inhaled.
H335 May cause respiratory irritation.
H341 Suspected of causing genetic defects .
H350 May cause cancer .
H371 May cause damage to organs (if inhaled, if swallowed, in contact with skin).

Precautionary statements - Prevention :

P201 Obtain special instructions before use.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P310 Immediately call a POISON CENTER or a doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Precautionary statements - Storage :

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Precautionary statements - Disposal :

P501 Dispose of contents/container in accordance with regulations

Other information :

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 fulfils 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	%
CAS: 50-00-0 EC: 200-001-8 REACH: 01 2119488953 20 FORMALDEHYDE	GHS06, GHS05, GHS08 Dgr Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Acute Tox. 2, H330 STOT SE 3, H335 Muta. 2, H341 Carc. 1B, H350	B D [1] [2]	25 <= x % < 50
CAS: 67-56-1 EC: 200-659-6 REACH: 01 2119433307 44 METHANOL	GHS06, GHS08, GHS02 Dgr Flam. Liq. 2, H225 Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 STOT SE 1, H370	[1]	2.5 <= x % < 10

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(Full text of H-phrases: see section 16)

Information on ingredients :

- [1] Substance for which maximum workplace exposure limits are available.
- [2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

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 massive inhalation, remove the person exposed to fresh air. Keep warm and at rest.
Do not proceed with mouth-to-mouth or mouth-to-nose resuscitation. Use the appropriate equipment.
Seek medical advice immediately.

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.
Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.
Watch out for any remaining product between skin and clothing, watches, shoes, etc.
If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.
Keep the person exposed at rest. Do not force vomiting.
Seek medical attention immediately, 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**5.1. Extinguishing media****Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- 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

Wear a mask of protection.

ARTHYL 25 - 07010-07011**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 non first aid worker

Avoid inhaling the vapors.

Avoid any contact with the skin and eyes.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

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

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

Refer to Section 7 - Handling and storage.

Refer to Section 8 - Exposure Controls and Personal Protection.

Refer to Section 13 - Disposal considerations.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Handle in well-ventilated areas.

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.

Do not inhale vapours.

Provide vapor extraction at the emission source and also general ventilation of the premises.

In all cases, recover emissions at source.

Avoid exposure - obtain special instructions before use.

Packages which have been opened must be reclosed carefully and stored in an upright position.

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

No data available.

Storage

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from food and drink, including those for animals.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

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SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- European Union (2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
67-56-1	260	200	-	-	Peau

- France (INRS - ED984 :2016) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
50-00-0	0.5	-	1	-	C3	43
67-56-1	200	260	1000	1300	(12)	84

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
50-00-0	2 ppm 2,5 mg/m ³	2 ppm 2,5 mg/m ³			
67-56-1	200 ppm 266 mg/m ³	250 ppm 333 mg/m ³		Sk	

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

METHANOL (CAS: 67-56-1)

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Final use:

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:
Potential health effects:
DNEL :

Exposure method:

Workers.

Dermal contact.
Short term systemic effects.
40 mg/kg body weight/day

Dermal contact.
Long term systemic effects.
40 mg/kg body weight/day

Inhalation.
Short term systemic effects.
260 mg of substance/m³

Inhalation.
Short term local effects.
260 mg of substance/m³

Inhalation.
Long term systemic effects.
260 mg of substance/m³

Inhalation.
Long term local effects.
260 mg of substance/m³

Consumers.

Ingestion.
Short term systemic effects.
8 mg/kg body weight/day

Ingestion.
Long term systemic effects.
8 mg/kg body weight/day

Dermal contact.
Short term systemic effects.
8 mg/kg body weight/day

Dermal contact.

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Potential health effects: DNEL :	Long term systemic effects. 8 mg/kg body weight/day
Exposure method: Potential health effects: DNEL :	Inhalation. Short term systemic effects. 50 mg of substance/m3
Exposure method: Potential health effects: DNEL :	Inhalation. Long term local effects. 50 mg of substance/m3
Exposure method: Potential health effects: DNEL :	Inhalation. Long term systemic effects. 50 mg of substance/m3
Exposure method: Potential health effects: DNEL :	Inhalation. Short term local effects. 50 mg of substance/m3

FORMALDEHYDE ...% (CAS: 50-00-0)

Final use:

Exposure method: Potential health effects: DNEL :	Workers. Dermal contact. Long term systemic effects. 240 mg/kg body weight/day
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Exposure method: Potential health effects: DNEL :	Dermal contact. Long term local effects. 0.037 mg of substance/cm2
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Exposure method: Potential health effects: DNEL :	Inhalation. Short term local effects. 1 mg of substance/m3
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Exposure method: Potential health effects: DNEL :	Inhalation. Long term systemic effects. 9 mg of substance/m3
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Exposure method: Potential health effects: DNEL :	Inhalation. Long term local effects. 0.5 mg of substance/m3
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Final use:

Exposure method: Potential health effects: DNEL :	Consumers. Ingestion. Long term systemic effects. 4.1 mg/kg body weight/day
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Exposure method: Potential health effects: DNEL :	Dermal contact. Long term systemic effects. 102 mg/kg body weight/day
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Exposure method: Potential health effects: DNEL :	Dermal contact. Long term local effects. 0.012 mg of substance/cm2
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Exposure method: Potential health effects: DNEL :	Inhalation. Long term systemic effects. 3.2 mg of substance/m3
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Exposure method: Potential health effects:	Inhalation. Long term local effects.
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DNEL : 0.1 mg of substance/m3

Predicted no effect concentration (PNEC):**METHANOL (CAS: 67-56-1)**

Environmental compartment:	Soil.
PNEC :	23.5 mg/kg
Environmental compartment:	Fresh water.
PNEC :	154 mg/l
Environmental compartment:	Sea water.
PNEC :	15.4 mg/l
Environmental compartment:	Intermittent waste water.
PNEC :	1540 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	570.4 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	100 mg/l

FORMALDEHYDE ...% (CAS: 50-00-0)

Environmental compartment:	Soil.
PNEC :	0.21 mg/kg
Environmental compartment:	Fresh water.
PNEC :	0.47 mg/l
Environmental compartment:	Sea water.
PNEC :	0.47 mg/l
Environmental compartment:	Intermittent waste water.
PNEC :	4.7 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	2.44 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	2.44 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	0.19 mg/l

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.

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

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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 :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- Neoprene® (Polychloroprene)

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Wear suitable protective clothing and, in particular, an apron and boots. These items of clothing shall be maintained in good condition and cleaned after use.

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

Avoid breathing vapours.

If the ventilation is insufficient, wear appropriate breathing apparatus.

When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A1 (Brown)
- A3 (Brown)

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****General information :**

Physical state :	Fluid liquid.
Odour:	aldehyd
Color:	Red

Important health, safety and environmental information

pH :	Not relevant.
Boiling point/boiling range :	Not relevant.
Flash Point Interval :	60°C < FP <= 93°C
Vapour pressure (50°C) :	Not relevant.
Density :	> 1
Water solubility :	Soluble.
Melting point/melting range :	Not relevant.
Self-ignition temperature :	Not relevant.
Decomposition point/decomposition range :	Not relevant.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

The mixture is stable under handling and storage normal conditions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

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10.4. Conditions to avoid

Avoid :

- frost

10.5. Incompatible materials

The oxidizing agents

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

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

Harmful if swallowed.

Toxic in contact with the skin.

Fatal by inhalation.

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure between three minutes and one hour.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

Respiratory tract irritation may occur, together with symptoms such as coughing, choking and breathing difficulties.

May cause an allergic reaction by skin contact.

Presumed human carcinogen.

Cause for concern owing to the possibility that it may induce heritable mutations in the germ cells of humans.

May cause damage to organs.

11.1.1. Substances**Acute toxicity :**

FORMALDEHYDE ...% (CAS: 50-00-0)

Oral route :

LD50 = 640 mg/kg

Species : Rat

Dermal route :

LD50 = 270 mg/kg

Species : Rabbit

Inhalation route (Gas) :

LC50 = 463 ppm

Duration of exposure : 4 h

11.1.2. Mixture**Acute toxicity :**

Acute Tox 4. H302 : Harmful if swalled.

Acute Tox 2 H311 : toxic in contact with skin.

Acute Tox 2 H330 : fatal if inhaled.

Skin corrosion/skin irritation :

Mixture classified H314 : Causes severe skin burns and eye damage.

Serious damage to eyes/eye irritation :

Eye Dam 1. H318 : Causes serious eye damage.

Respiratory or skin sensitisation :

May cause an allergic skin reaction. Skin sensitisation H317.

Germ cell mutagenicity :

Muta.2. H341 : Suspected of causing genetic defects.

Carcinogenicity :

Carc.1B. H350 : May cause cancer.

Reproductive toxicant :

On the basis of the available data, classification criteria are not reached.

Specific target organ systemic toxicity - single exposure :

STOT SE 2 H371.

STOT SE 3. H335 : May cause respiratory irritation.

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Specific target organ systemic toxicity - repeated exposure :

On the basis of the available data, classification criteria are not reached.

Aspiration hazard :

On the basis of the available data, classification criteria are not reached.

SECTION 12 : ECOLOGICAL INFORMATION**12.1. Toxicity****12.1.1. Substances**

FORMALDEHYDE ...% (CAS: 50-00-0)

Fish toxicity :

LC50 = 41 mg/l

Species : Brachydanio rerio

Duration of exposure : 96 h

Crustacean toxicity :

EC50 = 5.8 mg/l

Species : Daphnia pulex

Duration of exposure : 48 h

Algae toxicity :

ECr50 = 5.8 mg/l

Species : Desmodesmus subspicatus

Duration of exposure : 72 h

12.1.2. Mixtures

The mixture is not classified dangerous for environment in accordance with the CLP1272/2008 rules.

12.2. Persistence and degradability**12.2.1. Substances**

METHANOL (CAS: 67-56-1)

Biodegradability :

Rapidly degradable.

FORMALDEHYDE ...% (CAS: 50-00-0)

Biodegradability :

Rapidly degradable.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

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.

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SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2017 - IMDG 2016 - ICAO/IATA 2017).

14.1. UN number

2209

14.2. UN proper shipping name

UN2209=FORMALDEHYDE SOLUTION with not less than 25% formaldehyde

14.3. Transport hazard class(es)

- Classification :



8

14.4. Packing group

III

14.5. Environmental hazards

-

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C9	III	8	80	5 L	533	E1	3	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	8	-	III	5 L	F-A,S-B	-	E1

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	8	-	III	852	5 L	856	60 L	A803	E1
	8	-	III	Y841	1 L	-	-	A803	E1

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

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:

- Regulation (EC) n°1272/2008 and adaptations.

- Container information:

No data available.

Usage restrictions apply to the product : See annex XVII of EC regulation No. 1907/2006.

For professional users only.

- Particular provisions :

No data available.

- Labelling for biocidal products (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC) :

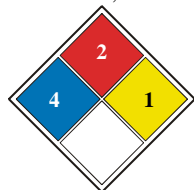
Name	CAS	%	Product-type
FORMALDEHYDE ...%	50-00-0	250.00 g/kg	22

Product-type 22 : Embalming and taxidermist fluids.

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- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

NFPA 704, Labelling: Health=4 Inflammability=2 Instability/Reactivity=1 Specific Risk=none

**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.

UPDATING :

- SECTION 2

- SECTION 3

- SECTION 11

Wording of the phrases mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects .
H350	May cause cancer .
H370	Causes damage to organs .

Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

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.

GHS05 : Corrosion

GHS06 : Skull and crossbones

GHS08 : Health hazard

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.