Safety data Sheet
According to Regulation n. 1907/2006 and Regulation 878/2020

WHITE OUT

Safety data sheet dated 22/11/2022, revision 19

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

1.1. Product identifier

Identification of the mixture:
Trade name: WHITE OUT

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use:
Liquid for fogging systems - professional use
Uses advised against:
Do not use on people or animals.
do not use for uses other than those indicated.

1.3. Details of the supplier of the safety data sheet

UR Fog S.r.l.
Via Toscana 38- 10099 San Mauro Torinese
+39 0110133037
Competent person responsible for the safety data sheet:

Giulia Mori
E-mail: g.mori@urfog.com
http://www.urfog.com

1.4. Emergency telephone number

UR Fog S.r.l. Tel. n.. +39 0110133037

SECTION 2: hazards identification

2.1. Substance or mixture classification

Classification in accordance with Regulation (EC) No. 1272/2008:
The mixture is not classified as dangerous in accordance with the provisions of directives 1272/2008 CE and 790/2009 CE and subsequent amendments and adjustments. However, as the mixture contains dangerous substances in concentrations such as to be declared in section 3, it requires a safety data sheet with adequate information, in compliance with Regulation (EC) 1907/2006 and subsequent amendments.

Hazard statement codes:
None

2.2. Label elements:
Pictograms, warning codes:
None

Hazard statement codes:
None

Supplemental hazard statement codes:
EUH210 - Safety data sheet available on request..

Precautionary statements:
None in particular

2.3. Other hazards
Does NOT contain PBT/vPvB substances in accordance with Regulation (EC) 1907/2006, attachment XIII
It does NOT contain substances that interfere with the endocrine system in accordance with Regulation (EC) 1907/2006 art.59 paragraph 1 and in compliance with the criteria established in Regulation (EU) 2017/2100 and Regulation (EU) 2018/605.

SECTION 3: composition/information on ingredients

3.2. Mixtures
Hazardous components within the meaning of the CLP regulation and related classification:

ID number	Name	Qty	Classification
CAS: 67-63-0 CE: 200-661-7 INDEX No: 603-117-00-0 Reg No: 01-2119457558-25-XXXX	Propan-2-ol	8 ≤ C ≤ 9	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336

The full text of the danger statements is given in section 16 of the sheet.

SECTION 4: first aid measures

4.1. Description of first aid measures
In case of skin contact:
Remove contaminated clothing and wash with soap and water. In case of irritation, consult your doctor. Wash contaminated clothing before using them.

In case of contact with eyes:
Wash thoroughly with water for at least 15 minutes, keeping the eyelids wide open. If necessary, consult your doctor.

In case of ingestion:
Absolutely do not induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY.

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

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SECTION 5: fire fighting measures

5.1. Fire fighting

Suitable extinguishing media:
CO2 or powder extinguisher.
Extinguishing media which must not be used for safety reasons:
No one in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale the gases produced by the explosion and combustion.
Burning produces heavy smoke.
Hazardous Combustion Products:
Carbon monoxide
Organic irritants

5.3. Advice for firefighters

Use suitable respiratory equipment.
Separately collect contaminated water used to extinguish the fire. Do not discharge it into the sewer system.
Cool containers with water spray.
If it is safe to do so, move undamaged containers out of the immediate danger area.

SECTION 6: measures in case of accidental release

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.
Move people to a safe place.
Consult the protective measures set out in points 7 and 8.

6.2. Environmental precautions

Prevent penetration into soil/subsoil. Prevent runoff to surface water or sewer system.
Retain contaminated washing water and dispose of it.
In case of gas escape or entry into watercourses, soil or sewage system, inform the responsible authorities.
Material suitable for collection: absorbent material, organic, sand

6.3. Methods and materials for containment and cleaning up

For reclamation:
Wash with plenty of water.

6.4. Reference to other sections

See also paragraph 8 and 13

SECTION 7: handling and storage

7.1. Precautions for Safe Handling

Avoid contact with skin and eyes..
Do not use empty containers before they have been cleaned.
Before transfer operations, make sure that there are no incompatible materials left in the containers.
General recommendations on occupational hygiene:
Do not eat, drink or smoke during use.

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Contaminated clothing must be changed before entering dining areas.
Wash hands after use

7.2. Conditions for safe storage, including any incompatibilities

avoid contact with skin and eyes.
do not use empty containers before they are cleaned.
contaminated clothing must be replaced before entering the dining area.
At work do not eat or drink.
keep in a cool, well-ventilated place, away from open flames, sparks and other sources of ignition
avoid the accumulation of electrostatic charges.
not smoking
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Indication for locals:
Adequately ventilated premises.

7.3. Particular end uses

No particular use

SECTION 8: exposure control/personal protection

8.1. Control parameters

Propan-2-ol:
DNEL
Systemic effects Long term Workers Inhalation = 500 (mg / m3)
Systemic effects Long term Workers Dermal = 888 (mg / kg bw / day)
PNEC
Fresh water = 140.9 (mg / l)
Sediments Fresh water = 552 (mg / kg / Sediments)
Sea water = 140.9 (mg / l)
Sediment Seawater = 552 (mg / kg / Sediment)
Intermittent emissions = 140.9 (mg / l)
STP = 2251 (mg / l)
Soil = 28 (mg / kg Soil)

8.2. Exposure controls

Operate and handle according to the usual precautionary measures for handling chemical products. Do not eat, drink or smoke during use; wash your hands thoroughly with soap and water before meals and after the work shift; the shower is highly recommended. Work clothes must be washed separately and stored in a separate place. Adopt good standards of general ventilation or controlled ventilation (5 to 15 changes per hour).

Occupational exposure control
Eye protection:

Safety goggles.

Skin protection:

Wear clothing that guarantees total protection for the skin, e.g. in cotton, rubber, PVC or viton.

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Hand protection:
protective gloves in butyl, nitrile, peoprene. To choose the permeation time, follow the instructions of the device manufacturer.

Respiratory protection:
Not required for normal use.

Environmental exposure controls:
Depending on how the product is used in the various environmental compartments, we remind you to comply with any national or community provisions for the protection of the environment.

SECTION 9: physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Method of determination
physical state	Liquid	
Color	Transparent	
Odor	Characteristic	
Odor threshold	not available	
Melting point/freezing point	not available	
Initial boiling point and boiling range	not available	
Flammability	Not inflammable	ISO 3679:2015 Negative combustion maintenance test: does not maintain combustion. NOT INFLAMMABLE
Lower flammability limits Upper flammability limits	not available	
Flash point	37°C	ISO 3679:2015
Self-ignition temperature	not available	
Decomposition temperature	not available	
pH	not available	
Kinematic viscosity	not available	
Solubility	Completely soluble in water Insoluble in oil	
Partition coefficient: n-octanol/water	not available	
Vapor pressure	not available	
Density	not available	
Vapor density	not available	
Particle characteristics	Not applicable	

9.2. Other information
Ready-to-use product VOC content: 8-9%

9.2.1 Information relating to classes of physical hazards:
There is no data available

9.2.2 Other security features:
There is no data available

SECTION 10: stability and reactivity

10.1. Reactivity
Propan-2-ol: Vapors can form an explosive mixture with air.

10.2. Chemical stability
The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions
In addition to what is expressly indicated, we are not aware that dangerous reactions occur under conditions other than those of normal use.

10.4. Conditions to avoid
flames and sparks. exposure to light and moisture
avoid the accumulation of electrostatic charges

10.5. Incompatible materials
oxidizing agents

10.6. Hazardous decomposition products
during combustion it produces irritating gases

SECTION 11: toxicological information

11.1. Information on the hazard classes defined in Regulation (EC) n°1272/2008
Acute effects:
(a) acute toxicity: based on available data, the classification criteria are not met.
(b) skin corrosion / irritation: based on available data, the classification criteria are not met.
(c) serious eye damage / irritation: based on available data, the classification criteria are not met.
(d) respiratory or skin sensitisation: based on available data, the classification criteria are not met.
(e) germ cell mutagenicity: based on available data, the classification criteria are not met.
(f) carcinogenicity: based on available data, the classification criteria are not met.
(g) reproductive toxicity: based on available data, the classification criteria are not met.
(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.
(i) specific target organ toxicity (STOT) repeated exposure: based on available data, the classification criteria are not met.
(j) aspiration hazard: based on available data, the classification criteria are not met.

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11.1. Information on other hazards:

11.2.1 Endocrine disrupting properties:
There are no substances identified as having endocrine disrupting properties.

11.2.2 Other informations:
Propan-2-ol:
ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation of its vapor.
INHALATION RISK: A harmful contamination of the air will be reached slowly enough for evaporation of the substance at 20 ° C; however, by spraying or dispersing, much faster.
EFFECTS OF SHORT-TERM EXPOSURE: The substance is irritating to the eyes and the respiratory tract
substance may cause effects on the central nervous system, resulting in depression. Much higher exposure
at the OEL can lead to a state of unconsciousness.
EFFECTS OF REPEATED OR LONG-TERM EXPOSURE: The liquid degreases the skin.
ACUTE RISKS / SYMPTOMS
INHALATION Cough. Vertigo. Drowsiness. Headache. Sore throat. See Ingestion.
SKIN Dry skin.
EYES Redness.
INGESTION Abdominal pain. Breathing difficulty. Nausea. Unconsciousness. He retched. (Also see Inhalation).
N O T E The use of alcoholic beverages enhances the harmful effect.
LD50: 5840 mg / kg body weight (oral, rat)
LC50: 25 mg / l (vapor inhalation, rat)
LD50: 13900 mg / kg body weight (dermal, rabbit)

SECTION 12: ecological information

12.1. Toxicity
Use according to good working practices, avoiding dispersal of the product in the environment.
Propan-2-oll:
LC50: 10000 mg/l/96h (Pimephales promelas)
LC50: > 10000 mg/l/24h (Daphnia magna)

12.2. Persistence and degradability
Propan-2-ol: Ready biodegradability, Degr. 53% (5 days)

12.3. Bioaccumulative potential
Propan-2-ol: Log Pow 0.05 (25°C)

12.4. Mobility in soil: N.A.
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12.5. Results of PBT and vPvB assessment
Propan-2-ol: The substance is not PBT/vPvB

12.6 Endocrine disrupting properties:

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There are no substances identified as having endocrine disrupting properties.

12.7. Other adverse effects: not available

SECTION 13: disposal considerations

13.1. Waste treatment methods

Recover if possible. Operate according to local and national regulations.

SECTION 14: transport information

14.1. UN number

Not included in the scope of the regulations on the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

14.2. UN proper shipping name

None

14.3. Transport hazard classes

None.

14.4. Packing group

None.

14.5. Environmental hazards

None.

14.6. Special precautions for user

No data available.

14.7. Bulk maritime transport in accordance with IMO instruments

Bulk transportation is not provided

SECTION 15: regulatory information

15.1. Safety, health and environmental laws and regulations specific to the substance or mixture

Legislative Decree 04/09/2008 n. 81
Ministerial Decree Work 02/26/2004 (Occupational exposure limits)
Regulation (EC) no. 1907/2006 (REACH)
Regulation (EC) no. 1272/2008 (CLP)
Regulation (EC) no. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) no. 286/2011 (ATP 2 CLP)
Regulation (EU) no. 618/2012 (ATP 3 CLP)
Regulation (EU) no. 487/2013 (ATP 4 CLP)
Regulation (EU) no. 944/2013 (ATP 5 CLP)
Regulation (EU) no. 605/2014 (ATP 6 CLP)
Regulation (EU) no. 2015/1221 (ATP 7 CLP)
Regulation (EU) no. 2016/918 (ATP 8 CLP)
Regulation (EU) no. 2016/1179 (ATP 9 CLP)
Regulation (EU) no. 2017/776 (ATP 10 CLP)
Regulation (EU) no. 2018/669 (ATP 11 CLP)

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Regulation (EU) no. 2018/1480 (ATP 13 CLP)
Regulation (EU) no. 2019/521 (ATP 12 CLP)

Restrictions relating to the product or the substances contained according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments:
Propan-2-ol: Entry 75

Where applicable, refer to the following regulations:
Ministerial circulars 46 and 61 (Aromatic amines).
Directive 2012/18/EU (Seveso III)
Regulation 648/2004/CE (Detergents).
D.L. 3/4/2006 no. 152 Environmental regulations
Dir. 2004/42/CE (VOC Directive)

Provisions relating to EU directive 2012/18 (Seveso III):
Seveso III category according to Annex 1, part 1
NONE

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for the mixture.
It was carried out for the substance: Propan-2-ol: Cas 67-63-0

SECTION 16: Other informations

Text of the sentences used in paragraph 3:
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 = May cause drowsiness or dizziness.

Hazard class and category	Description
Flam. Liq. 2	Flammable liquid, Category 2
Eye Irrit. 2	Eye irritation, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Classification and procedure used to derive it according to regulation (EC)1272/2008 [CLP] in relation to mixtures:

Classification according to Regulation (EC) No. 1272/2008	Classification procedure
EUH210	Calculation method
H225	Combustion maintenance test: negative

This document has been written by a competent SDS technician who has received adequate training.
Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van

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Nostrand Reinold
CCNL - Annex 1
Higher Institute of Health - National Inventory of Chemical Substances

The information contained herein is based on our knowledge at the above date. They refer only to the product indicated and do not constitute a guarantee of particular qualities.
The user is required to ensure the suitability and completeness of such information in relation to the specific use to be made of it.
This sheet supersedes any previous edition.

ADR:	European agreement concerning the international carriage of dangerous goods by road.
CAS:	Service of the Chemical Abstract (division of the American Chemical Society).
CLP:	Classification, Labelling, Packaging.
DNEL:	Derived level with no effect.
EINECS:	European inventory of commercially existing chemicals.
GefStoffVO:	Hazardous Substances Ordinance, Germany.
GHS:	Generally harmonized system of classification and labeling of chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation of the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical instructions of the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Dangerous Goods Code.
INCI:	International nomenclature of cosmetic ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration for 50 percent of the population tested.
LD50:	Lethal dose for 50 percent of the population tested.
PNEC:	Expected concentration with no effect.
RID:	Regulation concerning the international carriage of dangerous goods by rail.
STA:	Estimation of acute toxicity
STAmix:	Acute Toxicity Estimation (Mixtures)
STEL:	Short-term exposure limit.
STOT:	Specific target organ toxicity.
TLV:	Limit threshold value.
TWA:	Time weighted average
WGK:	German water hazard class.