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

WHITE OUT food grade

Safety data sheet dated 11/17/2022, revision 4

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

1.1. Product identifier

Identification of the mixture:
Trade name: WHITE OUT food grade

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: 64-17-5 CE: 200-578-6 INDEX No: 603-002-00-5 Reg No: 01-2119457610-43-XXXX	Ethanol	7 ≤ C ≤ 9	Flam. Liq. 2 H225 Eye Irrit. 2 H319 H319≥50%

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

WHITE OUT food grade

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.

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

Ethanol:
DNEL (workers):
Systemic effects for long-term exposure - inhalation: 950 mg/m³
Systemic effects for long-term exposure - dermal: 343 mg/kg body weight/day
DNEL (General Population):
Systemic effects for long-term exposure - inhalation: 114 mg/m³
Systemic effects for long-term exposure - dermal: 206 mg/kg body weight/day
Systemic effects for long-term exposure - oral: 87 mg/kg body weight/day
NECP:
Fresh water: 0.96 mg/l
Fresh water (intermittent release): 2.75 mg/L
Marine water: 0.79 mg/l
STP: 580mg/l
Sediment (fresh water): 3.6 mg/kg dry weight
Sediment (marine water): 2.9 mg/kg dry weight
Soil: 0.63 mg/kg dry weight
Oral: 0.38 g/kg food

200-578-6	**Ethanol**
SCENARIO	*Distribution of the substance*
SU22	Professional uses: public sector (administration, education, entertainment, services, crafts)
ERC8a	Wide dispersive indoor use of processing aids in open systems
ERC8d	Wide dispersive outdoor use of processing aids in open systems
PROC10	Application with rollers or brushes
PROC13	Treatment of articles by dipping and casting
PROC14	Production of preparations* or articles by tabletting, compression, extrusion, pelletisation
PROC19	Manual mixing with direct contact, with the use of personal protective equipment (PPE) only
PROC10	Application with rollers or brushes

WHITE OUT food grade

PROC13	Treatment of articles by dipping and casting
PROC14	Production of preparations* or articles by tabletting, compression, extrusion, pelletisation
Concentration of the substance in the Mixture/Article	Includes portions of substance in the product up to %100 (unless otherwise noted).
Fitness (at time of use)	Liquid
Duration of exposure per day	> 4 hours
Frequency of use	> 4 days / week
Frequency of use 1	240 days /year
Technical conditions and measures to control dispersion from source to workers	Adopt good general ventilation standards. Natural ventilation comes from doors, windows etc. Controlled ventilation means that air is supplied or removed by an electrically powered fan.
Conditions and measures related to personal protection, hygiene and health evaluation	If there is a risk of splashing: Use suitable eye protection . Wear suitable gloves tested to EN374.
Other operational conditions affecting workers exposure	Indoor and outdoor use.
PROC19	Manual mixing with direct contact, with the use of personal protective equipment (PPE) only
Concentration of the substance in the Mixture/Article	Up to 100% if > 4h per day up to 25%
Fitness (at time of use)	Liquid
Duration of exposure per day	> 4 hours
Frequency of use	> 4 days / week
Frequency of use 1	240 days /year
Technical conditions and measures to control dispersion from source to workers	Adopt good general ventilation standards. Natural ventilation comes from doors, windows etc. Controlled ventilation means that air is supplied or removed by an electrically powered fan.
Conditions and measures related to personal protection, hygiene and health evaluation	If there is a risk of splashing: Use suitable eye protection . Wear suitable gloves tested to EN374.
Other operational conditions affecting workers exposure	Indoor and outdoor use.
SCENARIO	*Use in spray formulations*
SU22	Professional uses: public sector (administration, education, entertainment, services, crafts)
ERC8a	Wide dispersive indoor use of processing aids in open systems
ERC8d	Wide dispersive outdoor use of processing aids in open systems
PROC11	Non-industrial spray application
Concentration of substance in the Mixture/Article	Includes shares of substance in the product up to % 5.
Fitness (at time of use)	Liquid
Duration of exposure per day	> 4 hours
Frequency of use	> 4 days / week
Frequency of use 1	300 days /year
Technical conditions and measures for the dispersion control from source to workers	Adopt good general ventilation standards. Natural ventilation comes from doors, windows etc... Controlled ventilation means that air is supplied or removed by an electrically powered fan.
Conditions and measures related to personal protection, hygiene and health evaluation	Wear suitable gloves (tested according to EN374) during activities where skin contact is possible.
Other operating conditions affecting exposure of insiders	Indoor and outdoor use.
PROC11	Non-industrial spray application

WHITE OUT food grade

Concentration of substance in Blend/Item	Includes substance shares in the product up to %25.
Fitness (at time of use)	Liquid
Duration of exposure per day	1-4 hours
Frequency of use	> 4 days / week
Frequency of use 1	300 days /year
Technical conditions and measures to control dispersion from source to workers	Exposure 1-4 h: Adopt good general ventilation standards. Natural ventilation comes from doors, windows etc. Controlled ventilation means that air is supplied or removed by an electrically powered fan. Exposure <1 h: Adopt good standards of general ventilation or controlled ventilation (from 5 to 15 changes per hour).
Conditions and measures related to personal protection, hygiene and health evaluation	Wear suitable gloves (tested according to EN374) during activities where skin contact is possible.
Other operating conditions affecting exposure of insiders	Indoor and outdoor use.
PROC11	Non-industrial spray application
Concentration of substance in the Mixture/Article	Includes shares of substance in the product up to %100 (unless otherwise indicated.
Fitness (at time of use)	Liquid
Duration of exposure per day	< 1h
Frequency of use	> 4 days / week
Frequency of use 1	300 days /year
Technical conditions and measures to control dispersion from source to workers	Adopt a more efficient general ventilation system using mechanical systems. (Efficiency: 70 %) If adequate ventilation is not available: Use respiratory protection. (Efficiency: 90 %)
Conditions and measures related to personal protection, hygiene and health evaluation	Wear suitable gloves (tested according to EN374) during activities where skin contact is possible.
SU22	Professional uses: public sector (administration, education, entertainment, services, crafts)
ERC8a	Wide dispersive indoor use of processing aids in open systems
ERC8d	Wide dispersive outdoor use of processing aids in open systems
PROC10	Application with rollers or brushes
PROC13	Treatment of articles by dipping and casting
PROC14	Production of preparations* or articles by tabletting, compression, extrusion, pelletisation
Concentration of the substance in the Mixture/Article	Includes portions of substance in the product up to %100 (unless otherwise noted).
Fitness (at time of use)	Liquid
Duration of exposure per day	> 4 hours
Frequency of use	> 4 days / week
Frequency of use 1	240 days /year
Technical conditions and measures to control dispersion from source to workers	Adopt good general ventilation standards. Natural ventilation comes from doors, windows etc. Controlled ventilation means that air is supplied or removed by an electrically powered fan.
Conditions and measures related to personal protection, hygiene and health evaluation	If there is a risk of splashing: Use suitable eye protection . Wear suitable gloves tested to EN374.
Other operational conditions affecting workers exposure	Indoor and outdoor use.
PROC19	Manual mixing with direct contact, with the use of personal protective equipment (PPE) only
Concentration of the substance in the Mixture/Article	Up to 100% if > 4h per day up to 25%
Fitness (at time of use)	Liquid

WHITE OUT food grade

Duration of exposure per day	> 4 hours
Frequency of use	> 4 days / week
Frequency of use 1	240 days /year
Technical conditions and measures to control dispersion from source to workers	Adopt good general ventilation standards. Natural ventilation comes from doors, windows etc. Controlled ventilation means that air is supplied or removed by an electrically powered fan.
Conditions and measures related to personal protection, hygiene and health evaluation	If there is a risk of splashing: Use suitable eye protection . Wear suitable gloves tested to EN374.
Other operational conditions affecting workers exposure	Indoor and outdoor use.

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).
For further risk management measures see sec. 8.1.

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.

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	

WHITE OUT food grade

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	41°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: 7-9%

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
Stable under normal conditions

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
heat, flames and sparks. exposure to light and moisture

avoid the accumulation of electrostatic charges
Ethanol: High temperatures. Proximity to sources of ignition.

10.5. Incompatible materials
oxidizing agents
Ethanol: strong mineral acids, oxidizing agents, aluminum at high temperatures

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.

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:
Ethanol:
ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation of its vapor and by ingestion.
INHALATION RISK:A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C.
EFFECTS OF SHORT-TERM EXPOSURE:The substance is irritating to the eyes. Inhalation of high concentrations of vapor may cause eye and respiratory tract irritation. The substance may cause effects on the central nervous system
EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:The liquid degreases the skin. The substance may have effects on the upper respiratory tract central nervous system , resulting in irritation, headache, tiredness and lack of concentration. See Notes.
ACUTE RISKS/ SYMPTOMS
INHALATION Cough. Headache. Tiredness. Drowsiness.
SCALP Dry scalp.

WHITE OUT food grade

EYES Redness. Ache. Burn.
INGESTION Burning sensation. Headache. Confusion. Vertigo. State of unconsciousness.
N O TE E The consumption of ethanol during pregnancy may have adverse effects on the unborn baby. Chronic ingestion of ethanol can cause cirrhosis of the liver.
LD50: 10470 mg/kg body weight (oral, rat)
LC50: 124.7 mg/l/4h (inhalation, rat)
LD50: 17 100 ml/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.
Ethanol:
LC50: 15.3 g/l/96h (Pimephales promelas)
LC50: 5012 mg/L/48h (Ceriodaphnia dubia)

12.2. Persistence and degradability
Ethanol: Readily biodegradable, Dgr. 84% (20 days)

12.3. Bioaccumulative potential
Ethanol: Log Pow: -0.35

12.4. Mobility in soil: N.A.
.

12.5. Results of PBT and vPvB assessment
Ethanol: The substance is not PBT/vPvB

12.6 Endocrine disrupting properties:
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

WHITE OUT food grade

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)
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:
Ethanol: 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: Ethanol: Cas 64-17-5

WHITE OUT food grade

SECTION 16: Other informations

Text of the sentences used in paragraph 3:
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Hazard class and category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2

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 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.

WHITE OUT food grade

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.