



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : DROPLESS

Description Product : Droppings cleaner

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

1.3. Details of the supplier of the safety data sheet

Registered company name : MATT CHEM SAS

Address : 37, rue de Fontenay (92) Bagneux FRANCE

Telephone : +33 (0) 1 42 53 73 73 - Fax : +33 (0) 1 47 35 27 28

E-mail : info@mattchem.fr

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

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In accordance with Regulation (EC) No 1272/2008 and its amendments.

Skin irritation, Category 2 (Skin Irrit. 2, H315).

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

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

This mixture does not present a hazard to the environment. No harm to the environment are not known or expected under normal conditions of use.

2.2. LABEL ELEMENTS

The mixture is a detergent product (see section 15).

In accordance with Regulation (EC) No 1272/2008 and its amendments.

Hazard pictograms :



GHS05

Signal word:

DANGER

Product Name:

EC 500-213-3 FATTY ALCOHOL ethoxylate

Hazard statements and additional information on hazards:

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements - Prevention:

P280 Wear protective gloves / protective clothing / eye protection / face protection.

Precautionary statements - Response:

P302 + P352 IF ON SKIN: Wash with plenty of water / ...

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if the victim does and if they can be easily removed. Continue rinsing.

2.3. Other hazards

The mixture does not contain 'Substances of very high concern "(SVHC)" > = 0.1% published by the European Chemicals Agency (ECHA) based on Article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture does not meet the criteria for mixtures PBT or vPvB, in accordance with Annex XIII of REACH Regulation (EC) No 1907/2006.

SECTION 3 : COMPOSITION/INFORMATIONS SUR LES COMPOSANTS

3.2. Mixtures

Composition :

Identification	(CE) 1272/2008	Nota	%
INDEX: 015-011-00-6 CAS: 7664-38-2 EC: 231-633-2 REACH: 01-2119485924-24 PHOSPHORIC ACID	GHS05 Dgr Skin Corr. 1B, H314	B [1]	2.5 <= x % < 10
CAS: 5949-29-1 EC: 201-069-1 REACH: 01-2119457026-42 CITRIC ACID	GHS07 Wng Eye Irrit. 2, H319		2.5 <= x % < 10
CAS: 68439-50-9 EC: 500-213-3 REACH: EXEMPTÉ FATTY ALCOHOL ethoxylate	GHS05, GHS09 Dgr Eye Dam. 1, H318 Aquatic Acute 1, H400 M Acute = 1		2.5 <= x % < 10
INDEX: 016-020-00-8 CAS: 7664-93-9 EC: 231-639-5 SULFURIC ACID		B [1]	2.5 <= x % < 10
CAS: 85711-69-9 EC: 288-330-3 SODIUM SALT OF ALKANE SULFONATE	GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318		1 <= x % < 2.5

Information on ingredients:

[1] Substance for which there are exposure limits in the workplace.

SECTION 4: FIRST AID

In general, in case of doubt or if symptoms persist, always call a doctor.

Never give anything by mouth to an unconscious person.

4.1. First aid

In case of contact with eyes:

Wash thoroughly with soft, 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 case of skin contact:

Remove contaminated clothing and wash the skin with soap and water or a recognized cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, ...

If the contaminated area is widespread and / or if damage to the skin, it is necessary to consult a doctor or a patient transferred to hospital.

Wash immediately and thoroughly with water and soap.

If swallowed:

Give nothing by mouth.

In case of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep still. Do not induce vomiting.

To immediately call a doctor and show the label.

If swallowed accidentally, call a doctor to judge the opportunity of a surveillance and a subsequent treatment in hospitals, if necessary. Show the label.

Rinse mouth.

Consult a physician if possible show the label or product ingested.

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

No data are available.

4.3. Indication of immediate medical attention and special treatment needed

No Data Available.

SECTION 5: FIGHTING MEASURES FIRE

Non-flammable.

5.1. For Safety Reasons

Suitable extinguishing media

In case of fire, use:

- Water spray or water mist

Unsuitable extinguishing media

In case of 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 fumes.

In case of fire may form:

- Carbon monoxide (CO)

- Carbon dioxide (CO₂)

- Sulfur dioxide (SO₂)

5.3. Advice for firefighters

No Data Available.

SECTION 6: MEASURES ACCIDENTAL RELEASE

6.1. Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8.

The product has been spilled may make some slippery surfaces.

For non-emergency

Avoid all contact with skin and eyes.

For emergency

To be equipped with suitable personal protective equipment (Refer to Section 8).

6.2. Measures for the environmental protection

Contain and collect spillage with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent entry into sewers or waterways.

6.3. Methods and materials for containment and cleaning

Neutralizing with a basic decontaminant, for example aqueous sodium carbonate, or the like.

If the ground is contaminated, and after recovery of the product by sponging with an inert non-combustible absorbent material, wash the surface with water that has been contaminated.

Clean preferably with a detergent, do not use solvents.

Rinse with clear water.

6.4. Reference to other sections

No Data Available.

SECTION 7: HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the mixture is handled.

7.1. Precautions for safe handling

Wash hands after use.

Remove and wash contaminated clothing before reuse.

Ensure adequate ventilation, especially in confined areas.

Provide safety showers and eye washes in workshops where the mixture is handled constantly.

Use household gloves when handling + eye protection.

Fire prevention:

Handle in well ventilated areas.

Prevent access by unauthorized persons.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on the label and regulations of labor protection.

Imperatively Avoid contact with eyes mixture.

The opened must be carefully resealed and kept upright.

Prohibited equipment and procedures:

It is forbidden to smoke, eat and drink in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities account

Store in original packaging well closed in a cool place away from frost, heat and sunlight to maintain product quality.

Storage

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

The floor must be impermeable and form a collecting basin so that, in case of spillage, the liquid can not spread outside.

Packing

Always keep in containers of same to the original material.

7.3. Use (s) end (s) specific (s)

No Data Available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

- European Union (2009/161/UE, 2006/15/CE, 2000/39/CE, 98/24/CE)

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Notes :
7664-38-2	1	-	2	-	-
7664-93-9	0,05	-	-	-	-

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Définition :	Critères :
7664-38-2	1 mg/m3	3 mg/m3	-	-	-
7664-93-9	0.2 mg/m3	-	-	-	Th

- France (INRS - ED984 :2012) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP N° :
7664-38-2	0.2	1	0.5	2	-	-
7664-93-9	-	0.05t	-	3	-	-

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Pictogram (s) compulsory wearing of personal protective equipment (PPE):

Use personal protective equipment and properly maintained.

Store personal protective equipment in a clean place, away from the work area.

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Ensure adequate ventilation, especially in confined areas.

- Eye / Face

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes.

Before handling, it is necessary to wear protective glasses Side accordance with standard EN166.

In case of increased danger, use a face mask for facial protection.

Wearing prescription glasses is not a protection.

It is recommended that contact lens wearers to use prescription glasses during work where they may be exposed to irritant vapours.

Provide eye washes in workshops where the product is constantly handled.

- Hand protection

Wear suitable protective gloves if prolonged or repeated contact with skin.

Use appropriate protective gloves resistant to chemical agents in accordance with standard EN374.

The selection of gloves must be made according to the application and duration of use at the workstation.

Protective gloves must be chosen according to the workplace: other chemicals which may be handled, necessary physical protections (cutting, puncture, heat), dexterity required.

Type of gloves recommended:

- Butyl rubber (isobutylene-isoprene copolymer)

Recommended properties:

- Impervious gloves in accordance with standard EN374

- Body protection

Avoid contact with the skin.

Wear suitable protective clothing.

Type suitable protective clothing:

During heavy projections, wear clothes of liquid-tight chemical protection (type 3) in accordance with standard EN14605 standard to avoid contact with skin.

If risk of splashing, wear chemical protective clothing (type 6) in accordance with standard EN13034 standard to avoid contact with skin.

Type appropriate protective boots:

If low spatter, wear boots or half-boots protection against chemical risks in accordance with standard EN13832-2 standard.

For prolonged contact, wear boots or half-boots with a sole assembly and rod durable, impermeable to liquid chemicals in accordance with standard EN13832-3 standard.

Personnel shall wear regularly laundered overalls.

After contact with the product, all parts of the body should be washed.

SECTION 9: PHYSICAL AND CHEMICAL

9.1. Basic physical and chemical properties Information

General informations

Physical state: fluid liquid.

Important information concerning health, safety and environment

pH: 2.10.

Weak acid.

Point / range: not specified.

Interval flash point: Not applicable.

Vapour pressure (50 ° C): Not applicable.

Density: > 1

Water solubility: Soluble.

Melting point / range: not specified.

Point / Ignition: Not specified.

Point / decomposition range: not specified.

9.2. Other information

No Data Available

SECTION 10: Stability and reactivity

10.1. reactivity

No data are available.

10.2. chemical Stability

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

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

Avoid:

- the freeze

10.5. incompatible materials

strong bases, metal powders

10.6. Hazardous decomposition products

Thermal decomposition may release / form:

- Carbon monoxide (CO)

- Carbon dioxide (CO₂)

- Sulfur dioxide (SO₂)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May cause reversible skin lesions such as inflammation of the skin or the formation of erythema and eschar or edema, following exposure of up to four hours.

May cause irreversible effects on the eyes, such as eye tissue damage or severe deterioration of vision that is not completely reversible in this side of a 21-day observation period.

Serious eye damage were characterized by the destruction of cornea, persistent corneal opacity, inflammation of iritis.

11.1.1. Substances

No toxicological information is available on the substances.

11.1.2. Mixture

No toxicological information is available on the mixture.

Substance (s) described (s) in a safety data sheet of the INRS (National Institute of Research and Safety)

- Sulphuric acid (CAS 7664-93-9): See MSDS No. 30.

- Phosphoric acid (CAS 7664-38-2): See MSDS No. 37.

SECTION 12: ECOLOGICAL INFORMATION

The surfactants are readily biodegradable in accordance with OECD method

12.1. Toxicity

12.1.2. Mixtures

No aquatic toxicity data available on the mixture.

12.2. Persistence and degradability

No data are available.

12.3. Bioaccumulation potential

No data are available.

12.4. Mobility in soil

No data are available.

12.5. Results of PBT and vPvB

No data are available.

12.6. Other adverse effects

No data are 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 done without endangering human health and without harming the environment, and in particular without risk to water, air, soil, plants or animals.

Recycle or dispose in accordance with the laws in force, preferably by a collector or an approved company.

Do not contaminate the ground or water with waste, not to eliminate them in the environment.

Contaminated packaging:

Completely empty the container. Keep the label on the container.

Give to a certified disposal.

SECTION 14: TRANSPORT INFORMATION

Not Regulated for Transportation.

Transport product in compliance with the provisions of the ADR for road, RID for rail, IMDG for sea and ICAO / IATA for air transport (ADR 2013 - IMDG 2012 - ICAO / IATA 2014).

SECTION 15: REGULATORY INFORMATION

15.1. Regulations / legislation specific for the substance or mixture Safety, health and environmental

- Information on the classification and labeling in Section 2:

The following regulations were taken into account:

- Directive 67/548 / EEC and its adaptations

- Directive 1999/45 / EC and its adaptations

- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 487/2013

- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 758/2013

- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 944/2013

- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 605/2014

- Information on the packaging:

No data are available.

- Special provisions:

No data are available.

- Labelling of detergents (EC Regulation No 648/2004 and 907/2006):

- Less than 5%: anionic surfactants

- 5% or more but less than 15%: nonionic surfactants

- Table of occupational diseases according to the French Labour Code:

No. TMP Label

84 Affections caused by liquid organic solvents for professional use:

84 aliphatic or cyclic saturated or unsaturated liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrates aliphatic hydrocarbons; alcohols, glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran it; esters; dimethylformamide and dimethylacetamide; acetonitrile and propionitrile; pyridine; diméthylsulfone, dimethylsulfoxide.

- Nomenclature of classified installations (33.1 version (March 2014)):

No. Designation under ICPE Plan Radius

1174 organohalogen, organophosphorus, organotin (industrial manufacturing compounds) excluding very toxic substances and preparations, toxic or specific toxic substances listed under the headings 1110, 1130 and 1150. A 3

1610 Hydrochloric acid, formic more than 50% by weight of acid, nitric acid less than 70%, phosphoric acid, sulfuric acid, of nitrogen monoxide, of nitrogen dioxide to less than 1%, sulfur dioxide less than 20%, phosphoric anhydride (industrial manufacturing) regardless of the capacity. A 3

= Plan A: authorized; E: Recording; D: declaration; S: public use easement; C: subject to the periodic inspection provided for by Article L. 512-11 of the Code of the environment.

Radius Radius = Display in kilometers.

15.2. Chemical Safety Assessment

No Data Available.

SECTION 16: OTHER INFORMATION

User Working conditions not being known to us, the information given on this safety data sheet is based on the state of our knowledge and on national and community regulations.

The mixture must not be used for other purposes than those specified under section 1 without first obtaining written handling instructions.

It is always the user's responsibility to take all necessary steps to meet the requirements of local laws and 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.

In accordance with the directives 67/548 / EEC, 1999/45 / EC and their amendments.

Title for H, EUH and R indications mentioned in section 3:

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic organisms.

Abbreviations:

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 Organization.

RID: Regulations concernant the International carriage of Dangerous goods by rail.

WGK: Wassergefährdungsklasse (Water Hazard Class).

GHS05: Corrosion.