

SECTION1. Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product code : ARS-IMAGO WB - WASHING BATH - STAB & FLAT 250ml

Trades code : CH1007

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

Photographic process

Professional use[SU22]

Photochemicals

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

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1.4. Emergency telephone number

+39 075 985 174

SECTION2. Hazards identification**2.1. Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS06, GHS07

Hazard Class and Category Code(s):

Acute Tox. 3, Eye Irrit. 2

Hazard statement Code(s):

H301 - Toxic if swallowed.

H319 - Causes serious eye irritation.

2.1.2 Classification according to Directive 1999/45/EEC:

Classification:

Nonhazardous

Nature of special risks attributed:

None in particular.

Toxic product: do not ingest

If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

GHS06 - Danger

Hazard statement Code(s):

H301 - Toxic if swallowed.

H319 - Causes serious eye irritation.

Precautionary statements:

Prevention

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

Response

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.



P337+P313 - If eye irritation persists: Get medical advice/attention.

Contains:

diethylene glycol

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII
No information on other hazards

SECTION3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of risk phrases and hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
diethylene glycol	> 1 <= 5%	Xn; R22 Acute Tox. 4, H302; STOT RE 2, H373	603-140-00-6	111-46-6	203-872-2	01-2119457 857-21
Ethoxylated branched C11-14, C13-rich alcohols	> 1 <= 5%	Xn; R22 Xi; R41 Acute Tox. 4, H302; Eye Dam. 1, H318		78330-21-9		

SECTION4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area.
If you feel unwell seek medical advice.

Direct contact with skin (of the pure product).:

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product).:

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

The product is toxic and can cause serious irreversible damages even following a single exposure, if swallowed.
Absolutely do not induce vomiting or emesis. Seek medical advice 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

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

If eye irritation persists: Get medical advice/attention.

SECTION5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

SECTION6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

6.1.2 For emergency responders:

Wear gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.

Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors. See also paragraph 8 below.

At work do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and `direct exposure of sunlight.

7.3. Specific end use(s)

Professional use:

Photographic and cinematographic treatment

SECTION8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:

diethylene glycol

111-46-6: Diethylene MAK value: 44 mg/m³, 10 ppm (MAK (AT)) value STEL 176 mg/m³, 40 ppm (MAK (AT)) values / factors limit: 4x15 MIN

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8.2. Exposure controls

Appropriate engineering controls:

None the normal conditions of use.

Professional use:

Not established

Individual protection measures:

(a) Eye / face protection

Not needed for normal use.

(b) Skin protection

(i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other

Wear normal work clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

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Not needed for normal use.

**SECTION 9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical and chemical properties	Value	Determination method
Appearance	Liquid	
Odour	Odorless	
Odour threshold	irrelevant	
pH	6.50 ± 0.05 a 25 °C	
Melting point/freezing point	irrelevant	
Initial boiling point and boiling range	non-oxidizing	
Flash point	nonflammable	
Evaporation rate	non pertinente	
Flammability (solid, gas)	nonflammable	
Upper/lower flammability or explosive limits	irrelevant	
Vapour pressure	irrelevant	
Vapour density	irrelevant	
Relative density	1.005 ± 0.05 a 25 °C	
Solubility	in water	
Water solubility	Complete	
Partition coefficient: n-octanol/water	irrelevant	
Auto-ignition temperature	irrelevant	
Decomposition temperature	irrelevant	

Physical and chemical properties	Value	Determination method
Viscosity	irrelevant	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

Stable in the normal conditions

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing agents.

It can generate toxic gases to contact with inorganic sulfide, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

ATE(mix) oral = 160,0 mg/kg

ATE(mix) dermal = 0,0 mg/kg

ATE(mix) inhal = 0,0 mg/l/4 h

(a) acute toxicity: Toxic product: do not ingest

(b) skin corrosion/irritation: not applicable

(c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

(d) respiratory or skin sensitization: not applicable

(e) germ cell mutagenicity: not applicable

(f) carcinogenicity: not applicable

(g) reproductive toxicity: not applicable

(h) specific target organ toxicity (STOT) single exposure: not applicable

(i) specific target organ toxicity (STOT) repeated exposure: not applicable

(j) aspiration hazard: not applicable

Related to contained substances:

diethylene glycol

TOXICITY 'ACUTE': - If swallowed: pest. May cause symptoms similar to intoxication "alcohol", resulting in loss of consciousness and convulsions. Pu cause liver and kidney lesions. - Inhalation: Exposure to mists or vapors in high concentrations can cause eye and respiratory tract. TOXICITY 'CHRONIC': - Skin: Repeated or prolonged contact may cause irritation. Scarse probability of being absorbed through the skin in harmful amounts. - Eye: May cause irritation of the conjunctiva contemporary.

LD50 (rat) Oral (mg/kg body weight) = 3,2

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 10

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 130

Ethoxylated branched C11-14, C13-rich alcohols:

LD50 (rat) Oral (mg/kg body weight) = 3950

SECTION12. Ecological information

12.1. Toxicity

Related to contained substances:

diethylene glycol

Ittiotossicit Static / Lepomis macrochirus/CL50 (96 h):> 1000 mg / l Aquatic invertebrates: EC50 (24 h):> 1000 mg / l

Aquatic Plants: EC10 (72 h):> 10 mg / l (information from published) Microorganisms / Effect on activated sludge:

Pseudomonas putida/CE10 (16 h): 8000 mg / L with a correct introduction of low concentrations in adapted biological purification plants, are unforeseeable inconvenience to the degradation activity of activated sludge

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Not needed for normal use.

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

Related to contained substances:

diethylene glycol

Readily biodegradable

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Readily biodegradable

12.3. Bioaccumulative potential

Related to contained substances:

diethylene glycol

Based on the n-octanol/water partition coefficient (log Pow) is not 'expect an accumulation in organisms

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Not established

12.4. Mobility in soil

Related to contained substances:

diethylene glycol

Do not discharge the product in untreated water

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Not established

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

SECTION13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Operate according to local or national regulations

SECTION14. Transport information

14.1. UN number

Not included in the scope of application regulations concerning 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 class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available.

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information**16.1. Other information**

Description of the sentences of risk set out in paragraph 3

R22 = Harmful if swallowed.

R41 = Risk of serious damage to eyes.

Description of the hazard statements exposed to point 3

H302 = Harmful if swallowed.

H373 = May cause damage to organs through prolonged or repeated exposure .

H318 = Causes serious eye damage.

Classification based on data of all mixture components
