



SAFETY DATA SHEET

RINSE

Rev. n. 1 of 09/03/2018

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In conformity to Regulation (EU) 2015/830

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Description: RINSE
REF: 65-05301-00 1 X 50 ml

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

In Vitro Diagnostic

Sectors of use:

Manufacture of food products[SU4], Public domain (administration, education, entertainment, services, craftsmen)[SU22]

Product category:

Washing and Cleaning Products (including solvent based products)

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

AMS Srl

Sede Legale e Produzione Strumenti - Reagenti

Via E. Barsanti 17/A -- 00012 Guidonia (Roma) – ITALIA

Tel. + 39 0774 354441

Fax + 39 0774 578035

www.amsalliance.com

info.it@amsalliance.com

1.4. Emergency telephone number

CAV Centro Nazionale di Informazione Tossicologica (Pavia) tel 0382 24444

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

CAS 9002-93-1

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

Pictograms:

GHS07

Hazard Class and Category Code(s):

Eye Irrit. 2, Aquatic Chronic 3

Hazard statement Code(s):

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

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

The product is dangerous to the environment as it is harmful to aquatic life with long lasting effects

2.2. Label elements

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

Pictogram, Signal Word Code(s):

GHS07 - Warning

Hazard statement Code(s):

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):

not applicable

Precautionary statements:

Prevention

P273 - Avoid release to the environment.

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

Response

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

Disposal

P501 - Dispose of contents/container to ...





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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

SECTION 3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Triton X100	> 5 <= 10%	Acute Tox. 4, H302; Eye Dam. 1, H318		9002-93-1		

SECTION 4. 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):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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 eye irritation persists: Get medical advice/attention.

SECTION 5. 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



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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

SECTION 6. 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 mask, gloves and protective clothing.

6.1.2 For emergency responders:

Wear mask, 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 authorities.

Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

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

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors

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

At work do not eat or drink.

See also paragraph 8 below.

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)

Manufacture of food products:

Well ventilated workplace.

Public domain (administration, education, entertainment, services, craftsmen):

Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:

Triton X100:

Components with exposure limits

Contains no substances with occupational exposure limit value.



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8.2. Exposure controls



Appropriate engineering controls:

Manufacture of food products:

No data available.

Public domain (administration, education, entertainment, services, craftsmen):

No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(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

When handling the pure product wear full protective skin clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Related to contained substances:

Triton X100:

Appropriate technical controls

Manipulate respecting good industrial hygiene practices and proper security. Wash hands before breaks and at the end of the workday.

Environmental exposure control

Avoid spills or leaks, if this can be done without danger. Do not let product enter drains. The landfill in the environment must be avoided.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	in water	
Odour	irrelevant	
Odour threshold	not determined	
pH	9,7	
Melting point/freezing point	6°C	
Initial boiling point and boiling range	> 200°C	
Flash point	nonflammable	ASTM D92
Evaporation rate	irrelevant	
Flammability (solid, gas)	nonflammable	
Upper/lower flammability or explosive limits	nonflammable	
Vapour pressure	not determined	
Vapour density	not determined	
Relative density	undefined	
Solubility	in water	
Water solubility	in water	
Partition coefficient: n-octanol/water	irrelevant	
Auto-ignition temperature	irrelevant	
Decomposition temperature	not determined	



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Physical and chemical properties	Value	Determination method
Viscosity	not determined	
Explosive properties	not explosive	
Oxidising properties	not explosive	

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

Related to contained substances:

Triton X100:

No data available

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 = 18.000,0 mg/kg

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

(a) acute toxicity: Triton X100: More information

RTECS: MD0907700

To the best of our knowledge, the chemical property, physical and toxicological properties have not been the subject of in-depth studies.

(b) skin corrosion/irritation Triton X100: No data available

Triton X100: No data available

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

Triton X100: Eyes-rabbit

Result: Mild eye irritation-12:0 am

(d) respiratory or skin sensitization: Triton X100: No data available

(e) germ cell mutagenicity: Triton X100: No data available

(f) carcinogenicity: Triton X100: No component of this product present at levels greater than or equal to 0.1% identified as a carcinogen or potential carcinogen by IARC.

(g) reproductive toxicity: Triton X100: No data available



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- (h) specific target organ toxicity (STOT) single exposure: Triton X100: No data available
- (i) specific target organ toxicity (STOT) repeated exposure Triton X100: No data available
- (j) aspiration hazard: Triton X100: No data available

Related to contained substances:

Triton X100:

LD50 (rat) Oral (mg/kg body weight) = 1800

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 8000

SECTION 12. Ecological information

12.1. Toxicity

Related to contained substances:

Triton X100:

Toxicity to fish: Lc50-minnows Pimephales (Chub)-8.9 mg/l-96.0 (h)

Toxicity to daphnia and other aquatic invertebrates: Ec50-Daphnia-26 mg/l-48 h

The product is dangerous for the environment as it is toxic for aquatic organisms following acute exposure.

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

12.2. Persistence and degradability

Related to contained substances:

Triton X100:

Biotic Biodegradabilit/biochemical oxygen Demand Aerobic

28 d exposure time

Result: 36%-not readily biodegradable.

(Closed bottle test)

Chemical oxygen required (COD): 2.19 mg/g

12.3. Bioaccumulative potential

Related to contained substances:

Triton X100:

No data available

12.4. Mobility in soil

Related to contained substances:

Triton X100:

No data available

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

SECTION 13. 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. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION 14. Transport information

14.1. UN number (ADR, ICAO/IATA, IMO/IMDG)

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).



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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

Related to contained substances:

Triton X100:

Autorizzazioni e/o restrizioni all'uso

p-tertiary-Octylphenoxy polyethyl alcohol - N. CAS: 9002-93-1

Lista di sostanze candidate estremamente preoccupanti ai fini dell'autorizzazione Equivalent level of concern having probable serious effects to the environment (article 57 f) ED/67/2013

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 hazard statements exposed to point 3

H302 = Harmful if swallowed.

H318 = Causes serious eye damage.

Classification based on data of all mixture components

Main regulatory references:

Directive 1999/45 / EC

Directive 2001/60 / EC

Regulation 2008/1272 / EC

Regulation 2010/453 / EC

List of POISON CENTER (C.A.V.) in Italy with telephone number.

The Poison Centers that formally collaborate with the Ministry of Health (Resolution CEE 90 / C 329/03) are listed.

. CAV Osp. Pediatric Child Jesus Rome Piazza Sant'Onofrio, 4 00165 tel 06 68593726

. Az. Osp. Univ. Foggia Foggia V.le Luigi Pinto, 1 71122 tel 0881 732326

. Az. Osp. "A. Cardarelli" Naples Via A. Cardarelli, 9 80131 tel 081 7472870

. CAV Policlinico "Umberto I" Roma V.le del Policlinico, 155 00161 tel 06 49978000

. CAV Policlinico "A. Gemelli" Roma Largo Agostino Gemelli, 8 00168 tel 06 3054343



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. Az. Osp. "Careggi" U.O. Medical Toxicology Florence Largo Brambilla, 3 50134 tel 055 7947819
. CAV National Center of Toxicological Information Pavia Via Salvatore Maugeri, 10 27100 tel 0382 24444
. Papa Giovanni XXII Hospital Company Bergamo Piazza OMS, 1 24127 and 800 883 300

*** This sheet supersedes any previous edition.

ADR: European Agreement on the International Road Transport of Dangerous Goods.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived level without effect.

EINECS: European inventory of existing European chemical substances on the market.

GefStoffVO: Ordinance on hazardous substances in Germany.

GHS: Global harmonized classification and labeling system for chemical products.

IATA: International Air Transport Association.

IATA-DGR: Regulation on dangerous goods of the "Association for International Air Transport" (IATA).

ICAO: International organization for civil aviation.

ICAO-TI: Technical instructions of the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International nomenclature of cosmetic ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration for 50 percent of the test population.

LD50: Lethal dose for 50 percent of the test population.

LTE: Long-term exposure.

PNEC: Expected concentration without effect.

RID: Regulations concerning the international transport of dangerous goods by rail.

STE: Short-term exposure.

STEL: Limit for short exposure time.

STOT: Organ-specific toxicity.

TLV: Occupational exposure threshold limit value.

TWATLV: Threshold limit value for the average weighed over 8 hours. (ACGIH Standard).

OEL: Community limit value of occupational exposure.

VLE: Occupational exposure limit value.

WGK: Hazard class for water (Germany).

TSCA: United States Toxic Substances Control Act Inventory.

DSL: Canadian Domestic Substances List.
