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1. Identification of the substance / preparation and of the company / undertaking

1.1 Product identifier:

Trade name: **AMMONIACA Profumata con Detergente AMACASA**

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

Sector of uses: Hard surfaces cleaner
Private households (= general public = consumers)[SU21],
Public domain (administration, education, entertainment, services, craftsmen)[SU22]
Uses advised against: Do not use for purposes other than those listed

1.3 Details of the supplier of the safety data sheet:

Produced by: NEW FADOR S.r.l.
Via M. Calderara 31 - 25018 Montichiari (BS) - Italy
Tel. +39 030 961243 - Fax +39 030 962500
www.newfador.it - info@newfador.it

1.4 Emergency telephone number:

Tel. + 39 0765 455945 (From 8.30 to 17.30 – Monday / Friday)
At paragraph 16 of this tab indicates the contact details of poison control centers in Italy active 24 hours on 24.

2. Hazard identification

2.1 Classification of the substance or mixture:

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

Pictograms:
GHS07

Hazard statement Code(s):
H319 - Causes serious eye irritation.

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):
GHS07 - Warning

Hazard statement Code(s):
H319 - Causes serious eye irritation.

Supplemental Hazard statement Code(s):
Not applicable.

Precautionary statements:

General
P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.

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

Response
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

Contains (Reg.EC 648/2004): <5% non-ionic surfactants, perfumes, Limonene, Linalool, Butylphenyl methylpropional


2.3 Other hazards:

The substance / mixture does NOT contain PBT / vPvB according to Regulation (EC) No. 1907/2006, Annex XIII.

No information on other hazards.

3. Composition / information on ingredients



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3.1 Substances:

Irrelevant.

3.2 Mixtures:

Refer to section 16 for the full text of hazard statements.

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Ammonia 0,6%	> 0,1 <= 1%	Skin Corr. 1B, H314;	007-001-01-2	1336-21-6	215-647-6	01-2119488876-14-XXXX

4. First aid measure



4.1 Description on first aid measure:

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:

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

4.3 Indication of any immediate medical attention and special treatment:

If eye irritation persists: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

5. Fire-fighting measure



5.1 Extinguishing media:

Recommended extinguishing means:

Water, CO2, foam, chemical powders, according to the materials involved in the fire.

Extinguishing media to avoid:

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

5.2 Special hazards arising from the substance or mixture:

No data available.

5.3 Advice for fire-fighters:

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 self-respirator, 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.

6. Measures in case of accidental release

6.1 Personal precautions, protective equipment and emergency procedures:

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For non-emergency personnel:

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

Wear mask, gloves and protective clothing.

For emergency responders:

Wear mask, gloves and protective clothing.

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

Provide sufficient ventilation.

Evacuate the danger area and, if 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 materials for containment and cleaning up:

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.

For cleaning up:

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

Other information:

None in particular.

6.4 Reference to other sections:

Refer to paragraphs 8 and 13 for further information.

7. Handling and storage

7.1 Precaution 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 uses:

Private households (= general public = consumers):

Store in cool and dry places.

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

Handle with care.

Store in ventilated place away from heat sources,

Keep the container tightly closed.

8. Exposure controls / personal protection



8.1 Control parameters:

No data available on the mixture.

Related to contained substances:

ammonia 0,6%


DNEL sistemici_Breve effects termine_Dermale_Lavoratori value: 6.8 mg/kg

DNEL, sistemici_Breve Effects termine_Inalazione_Lavoratori value: 36 mg/m³

DNEL sistemici_Lungo effects termine_Inalazione_Lavoratori value: 14 mg/m³

PNEC Value, fresh water: 0.0011 mg/l

PNEC, seawater value: 0.011 mg/l

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8.2 Exposure controls:

Appropriate engineering controls:

Private households (= general public = consumers):

Open with caution. Close the container immediately after its use.

Adopt the appropriate protective measures.

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

Open with caution. Close the container immediately after its use.

Adopt the appropriate protective measures.

a) Eyes / face protection

Not needed for normal use).

b) Skin protection

i) Hand protection

Not needed for normal use.

ii) Other

When handling the pure product wear protective clothing to skin protection (EN 14605).

c) Respiratory protection

No needed for normal use.

d) Thermal hazards

No hazard to report

Environmental exposure controls:

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

9. Physical and chemical properties

9.1. Information on basic physical and chemical


Physical and chemical properties	Value	Method of determination
Appearance	clear liquid	
Odour	characteristic	
Odour threshold	not determined	
pH	10,50 - 11,20	
Melting point / freezing point	This property is not relevant to the safety and product classification	
Initial boiling point and boiling range	90° C	
Flash point	nonflammable	ASTM D92
Evaporation rate	This property is not relevant to the safety and product classification	
Flammability (solid, gas)	nonflammable	
Upper / lower flammability or explosive limits	nonflammable	
Vapour pressure	0,785	
Vapour density	0,886 a 15°C	
Relative density	0,89 g / ml	
Solubility	in water	
Water solubility	complete	
Partition coefficient: n-octanol/water	not determined	
Auto-ignition temperature	This property is not relevant to the safety and product classification	
Decomposition temperature	not determined	
Viscosity	< 50 m Pas	
Explosive properties	Not classified as explosive , does not contain explosives according to Reg . CLP Art . (14 (2))	
Oxidizing properties	The product is not an oxidizing substance	

9.2 Other information

No data available.

10. Stability and reactivity

10.1 Reactivity:

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Related to contained substances:

ammonia 0,6%:

Avoid contact with acid solutions to avoid overheating of the solution.

10.2 Chemical stability:

No hazardous reactions when handled and stored according to provisions.

10.3 Possibility of hazardous reactions:

There are no dangerous reactions.

10.4 Condition to avoid:

None to report.

10.5 Incompatible materials:

None to report.

10.6 Hazardous decomposition products:

Does not decompose when used for intended uses.

11. Toxicological information

11.1 Information on toxicological effects:

No toxicological tests have been performed on the mixture.

- (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: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.
- (d) respiratory or skin sensitization: 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.

Related to contained substances:

ammonia 0,6%

Substance Information on toxicological effects: N.A.

Mixture Information on toxicological effects: Ammonia.

Acute toxicity: Due to the corrosive effect of the substance.

Corrosion / irritation: Acute Skin Corrosion.

Injury / irritation: Serious eye damage in case of splashes.

respiratory or skin sensitization: May cause dermatitis.

Germ cell mutagenicity: Not related evidence.

Carcinogenicity: No reported evidence.

Reproductive toxicity: No reported evidence.

specific target organ toxicity (STOT)

single exposure: H335: May cause respiratory irritation.

specific target organ toxicity (STOT)

Repeated exposure: No reported evidence.

Danger Aspiration respiratory disorders according to the concentration of the vapors.

the hazard classification criteria: Classification of law based on the European Regulation 1272/2008 Alleg. VI

Toxicological information.

Ingestion: LD50 rat 350mg / kg (aqueous solution at 25% of NH3)

Inhalation man LCLo 30,000 ppm NH3 / 5 minutes

Inhalation: LCLo rat 2,000 ppm NH3 / 4 hours

Inhalation cat LCLo 7,000 ppm NH3 / 1 hour


Summary of studies used: See below.

Classification criteria not met: N.A.

Information on likely routes of exposure:

Eye Contact: Vapors emitted from ammonia solutions are highly irritating to the eyes. liquid splashes can cause permanent eye damage.

Skin contact: Liquid splashes can cause burns and blisters if contact is prolonged. Ammonia vapors are irritating to the skin.

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Inhalation: A moderate exposure to ammonia vapors may cause headache, salivation, burning in the trachea, sweating, nausea, vomiting, pain below the breastbone. Severe exposure can result in respiratory tract irritation, glottis edema, bronchospasm, pulmonary edema and respiratory arrest; They can follow bronchitis or pneumonia.

Repeated or prolonged exposure to low concentrations of vapors may cause chronic bronchitis.

Ingestion: The ingestion of an ammonia solution with pH > 11.5 gives rise immediately to mouth sores, behind the sternum, stomach, vomiting of blood. The complications that can arise are: digestive bleeding, perforation of the esophagus and stomach, metabolic acidosis, risk of digestive stenosis.

Symptoms related to the physical, chemical and toxicological: The solution, having a low vapor pressure, tends naturally to develop ammonia vapors which, if inhaled may cause low-concentration dizziness, feelings of nausea, air hunger, burning sensations and high concentration pulmonary edema, shock that can evolve into a coma and lead to death of the subject. Solutions are corrosive and therefore irritating to mucous membranes, eyes and skin.

Immediate, delayed and chronic effects from short and long term exposure: acute respiratory disorders, irritation and / or skin burns.

Sensitization: No reported evidence.

Carcinogenesis: not related evidence.

Mutagenesis: No reported evidence.

Reproductive toxicity: No reported evidence.

Interactive effects: N.A.

The absence of specific data: N.A.

Other information: N.A.

Oral LD50 (rat) (mg / kg body weight) = 350

Inhalation LC50 (rat) vapor / dust / aerosol / smoke (mg / l / 4h) or gas (ppmv / 4h) = 1417

12. Ecological Information

12.1 Toxicity:

The product has not been tested for environmental impact in the event of accidental release in the environment.

Related to contained substances:

ammonia 0,6%

C(E)L50 (mg/l) = 0,2

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

12.2 Persistence and degradability:

Related to contained substances:

ammonia 0,6%:

In soil, ammonia is rapidly oxidized by microorganisms to nitrate ion. In surface waters, it can be nitrified by micro-organisms or be absorbed on the sediments or colloids. At a concentration of 2 mg NH₃/l, ammonia alters the process of self-purification capacity of watercourses. In the atmosphere, can be degraded by photolysis or neutralized by acidic air pollutants.

12.3 Bioaccumulative potential:

Related to contained substances:

ammonia 0,6%

Low accumulation potential.

12.4 Mobility in soil:

Related to contained substances:

ammonia 0,6%:

Water soluble, highly mobile in soils.

12.5 Results of PBT and vPvB assessment:

The substance / mixture does NOT contain PBT / vPvB according to Regulation (EC) No. 1907/2006, Annex XIII


12.6 Other adverse effects:

No adverse effects.

Regulation (EC) No 2006/907 - 2004/648

The surfactant (s) contain (s) in this formulation comply (ies) with the criteria set out in Regulation (EC) biodegradability/648/2004 on detergents. All supporting data shall be kept at the disposal of the competent authorities of the Member States and will be provided, at their explicit request or at the request of a manufacturer of the formulation, the above authority.

13. Disposal considerations

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13.1 Methods of waste treatment:

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.

14. 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:

No one.

14.3 Classes of transport hazard:

No one.

14.4 Packing group:

No one.

14.5 Environmental hazards:

No one.

14.6 Special precautions for user:

No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

It is not intended to carry bulk.

15. Regulatory information

15.1 Safety, health and environmental regulations, legislation specific for the substance or mixture:

Regulation 648/2004/EC (detergents), Legislative Decree no. 3/2/1997 no. 52 (Classification, packaging and labeling of dangerous substances). Legislative Decree 14.3.2003 n. 65 (Classification, packaging and labeling of dangerous substances). Leg. 02/02/2002 n. 25 (Risks related to chemical agents at work). D.M. Working 26/02/2004 (Occupational exposure limit); DM 04/03/2007 (Implementation of Directive no. 2006/8/EC). Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n.790/2009.D.Lgs. September 21, 2005 n. 238 (Seveso Ter).

15.2 Chemical safety assessment:

No chemical safety assessment was carried out by the supplier.

16. Other information

Modified points from the previous revision: 1.2. Relevant identified uses of the substance or mixture and uses advised against 2.1. Classification of the substance or mixture 2.2. Label elements, 2.3. Other hazards, 3.2 Mixtures, 4.1. Description of first aid measures 4.3. Indication of any immediate medical attention and special treatment, 6.1. Personal precautions, protective equipment and emergency procedures, 6.3. Methods and materials for containment and cleaning up, 7.1. Precautions for safe handling 8.1. Control parameters, 8.2. exposure controls, 10.1. Reactivity, 10.3. Possibility of hazardous reactions 10.4. Conditions to avoid 11.1. Information on toxicological effects 12.1. Toxicity, 12.2. Persistence and degradability 12.3. Bioaccumulation potential, 12.4. Mobility in soil 15.1. laws and regulations on health, safety and specific for the substance or mixture.


Description of the hazard statements exposed to point 3

H314 = Causes severe skin burns and eye damage.

H400 = Very toxic to aquatic life

Classification based on data of all mixture components

Main normative references:

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Regulation 2008/1272/EC
Regulation 2015/830/EC

Link ECHA (source of information on chemical substances produced or imported in Europe)
<http://echa.europa.eu/it/information-on-chemicals ; jsessionid = 63968E9F85F91C26F330FF884618CFFF.live1>
 MSDS provided by the customer and on the same raw material

If necessary, there are the telephone numbers are active 24 hours 24 some poison control centers:

Responsabile	Ospedale	Città	Indirizzo	CAP	Telefono
Marco Marano	CAV "Osp. Pediatrico Bambino Gesù"	Roma	Piazza Sant'Onofrio, 4	00165	06 68593726
Anna Lepore	Az. Osp. Univ. Foggia	Foggia	V.le Luigi Pinto, 1	71122	0881-732326
Gennaro Savoia	Az. Osp. "A. Cardarelli"	Napoli	Via A. Cardarelli, 9	80131	081-7472870
M. Caterina Grassi	CAV Policlinico "Umberto I"	Roma	V.le del Policlinico, 155	00161	06-49978000
Alessandro Barelli	CAV Policlinico "A. Gemelli"	Roma	Largo Agostino Gemelli, 8	00168	06-3054343
Primo Botti	Az. Osp. "Careggi" U.O. Tossicologia Medica	Firenze	Largo Brambilla, 3	50134	055-7947819
Carlo Locatelli	CAV Centro Nazionale di Informazione Tossicologica	Pavia	Via Salvatore Maugeri, 10	27100	0382-24444
Franca Davanzo	Osp. Niguarda Ca' Granda	Milano	Piazza Ospedale Maggiore, 3	20162	02-66101029
M. Luisa Farina	Azienda Ospedaliera Papa Giovanni XXII	Bergamo	Piazza OMS, 1	24127	800883300

This MSDS cancels and replaces any preceding release.