

Safety Data Sheet



Revision Date 08-Nov-2017
Version 1.02

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

1.1 Product identifier

Product name Dye Gone Solution A (FT)

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

Recommended Use Professional Carpet Cleaning

1.3 Details of the supplier of the safety data sheet

Supplier Legend Brands Europe
Chemspec
22 Plover Close Interchange Park
Newport Pagnell MK16 9PS, UK
+44 (0) 1908 611211

For further information, please contact: msds@chemspecworld.com

1.4 Emergency telephone number

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

| | |
|----------------|---|
| Europe | 112 |
| Austria | +43 1 406 43 43 |
| Belgium | Poison center (BE): +32 70 245 245 |
| Denmark | Poison Control Hotline (DK): +45 82 12 12 12 |
| Finland | Poison Information Centre (FI):+358 9 471 977 |
| France | ORFILA (FR): + 01 45 42 59 59 |
| Germany | Poison Center Berlin (DE): +49 030 30686 790 Poison Center Nord: +49 551 19240 (24h available English / German) |
| Ireland | National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566 |
| Iceland | +354 543 2222 |
| Italy | Poison Center, Milan (IT): +39 02 6610 1029 |
| Luxembourg | 112 |
| Netherlands | National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals) |
| Norway | Poisons Information (NO):+ 47 22 591300 |
| Portugal | Poison Information Center (PT): +351 21 330 3284 |
| Spain | Poison Information Service (ES): +34 91 562 04 20 |
| Sweden | Poisons Information Center (SV):+46 8 33 12 31 |
| Switzerland | Poison Center: Tel 145; +41 44 251 51 51 |
| United Kingdom | 111 |

2. Hazards identification

2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

| | |
|---|------------------------------------|
| Skin corrosion/irritation | Category 1 Sub-category B - (H314) |
| Serious eye damage/eye irritation | Category 1 - (H318) |
| Specific target organ toxicity (single exposure) | Category 3 - (H335) |
| Chronic aquatic toxicity | Category 2 - (H411) |

2.2 Label elements



Signal Word
Danger

Hazard Statements

H314 - Causes severe skin burns and eye damage
H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P280 - Wear eye protection/ face protection
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Contains Ammonium hydroxide

2.3. Other Hazards

No information available

3. Composition/information on ingredients

3.1 Substances

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures

| Chemical Name | EC-No | CAS No. | Weight-% | Classification (1272/2008/EC) | REACH Registration Number |
|--------------------|-----------|-----------|----------|--|---------------------------|
| Ammonium hydroxide | 215-647-6 | 1336-21-6 | 2.5 - 10 | Skin Corr. 1B (H314) Aquatic Acute 1 (H400) | no data available |

For the full text of the H-Statements mentioned in this Section, see Section 16

4. First Aid Measures

4.1 Description of first-aid measures

Inhalation Move to fresh air.

Skin contact Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Ingestion Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons

No information available.

5.2 Special hazards arising from the substance or mixture

No information available.

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas.

Advice for emergency responders

For personal protection see section 8.

6.2 Environmental precautions

See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically and collect in suitable container for disposal.

6.4 Reference to other sections

See section 8 for more information.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Ensure adequate ventilation.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end uses

Specific use(s)

No information available

Exposure scenario

No information available.

8. Exposure controls/personal protection

8.1 Control parameters

Exposure Limit Values

| Chemical Name | European Union | Austria | Belgium | Denmark | Finland | France |
|---------------------------------|----------------|---------|---------|---------|--|--------|
| Ammonium hydroxide 1336-21-6 | | | | | STEL: 50 ppm STEL: 36 mg/m ³ | |

TWA: Time weighted average
 STEL: Short term exposure limit
 LLV: Exposure Limit Values
 STV: Short Term Value

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/Face Protection Safety glasses with side-shields.
Hand Protection Protective gloves.
Skin and body protection Long sleeved clothing.
Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls No information available.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|-----------------------|--------------------------|
| Physical state | Liquid |
| Appearance | No information available |
| Color | No information available |
| Odor | No information available |
| Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks</u> |
|-------------------------------------|---------------|--------------------------|
| pH | | No information available |
| Melting/freezing point | | No information available |
| Boiling point/boiling range | | No information available |
| Flash Point | | No information available |
| Evaporation rate | | No information available |
| Flammability (solid, gas) | | No information available |
| Flammability Limits in Air | | |
| upper flammability limit | | No information available |
| lower flammability limit | | No information available |
| Vapor pressure | | No information available |
| Vapor density | | No information available |
| Specific Gravity | | No information available |
| Water solubility | | No information available |
| Solubility in other solvents | | No information available |
| Partition coefficient | | No information available |
| Autoignition temperature | | No information available |
| Decomposition temperature | | No information available |
| Viscosity, kinematic | | No information available |
| Viscosity, dynamic | | No information available |
| Explosive properties | | No information available |
| Oxidizing Properties | | No information available |

9.2 Other information

Volatile organic compounds (VOC) content No information available

10. Stability and Reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to Avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible Materials

No materials to be especially mentioned

10.6 Hazardous Decomposition Products

None under normal use conditions.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product Information

The product itself has not been tested.

| | |
|---------------------|---|
| Inhalation | There are no data available for this product. |
| Eye contact | There are no data available for this product. |
| Skin contact | There are no data available for this product. |
| Ingestion | There are no data available for this product. |

The following values are calculated based on chapter 3.1 of the GHS document

| | |
|----------------------------------|----------------|
| ATEmix (oral) | 3,889.00 mg/kg |
| ATEmix (inhalation-vapor) | 33.00 mg/l |

Unknown Acute Toxicity

- < 1% of the mixture consists of ingredient(s) of unknown toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- < 1 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--------------------|-------------------|-------------|-----------------|
| Ammonium hydroxide | 350 mg/kg (Rat) | | |

| | |
|--|----------------------------|
| Skin corrosion/irritation | No information available. |
| Serious eye damage/eye irritation | Causes serious eye damage. |
| Respiratory or skin sensitization | No information available. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Reproductive toxicity | No information available. |
| Specific target organ systemic toxicity (single exposure) | No information available. |
| Specific target organ systemic toxicity (repeated exposure) | No information available. |
| Aspiration hazard | No information available. |

12. Ecological information

12.1 Toxicity

< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to daphnia and other aquatic invertebrates |
|--------------------|-------------------|--|---|
| Ammonium hydroxide | | LC50: 96 h Pimephales promelas 8.2 mg/L | EC50: 48 h water flea 0.66 mg/L EC50: 48 h Daphnia pulex 0.66 mg/L |

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil**Mobility in soil**

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects.

No information available.

13. Disposal Considerations

13.1 Waste treatment methods

Waste from residues / unused products Dispose of in accordance with local regulations.

Contaminated packaging Empty remaining contents.

14. Transport Information

ADR

14.1 UN Not regulated
 14.2 Proper shipping name Not regulated
 14.3 Hazard class Not regulated
 14.4 Packing Group Not regulated
 14.5 Environmental hazard Not applicable
 14.6 Special Provisions None

IMDG

14.1 UN Not regulated
 14.2 Proper shipping name Not regulated
 14.3 Hazard class Not regulated
 14.4 Packing Group Not regulated
 14.5 Marine pollutant Not applicable
 14.6 Special Provisions None
 14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code No information available

IATA

| | |
|---------------------------|----------------|
| 14.1 UN | Not regulated |
| 14.2 Proper shipping name | Not regulated |
| 14.3 Hazard class | Not regulated |
| 14.4 Packing Group | Not regulated |
| 14.5 Environmental hazard | Not applicable |
| 14.6 Special Provisions | None |

15. Regulatory information

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

National regulatory information

Germany

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

International Inventories

| | |
|---------------|----------|
| TSCA | Complies |
| EINECS/ELINCS | Complies |
| DSL | Complies |
| PICCS | Complies |
| ENCS | Complies |
| IECSC | Complies |
| AICS | Complies |
| KECL | Complies |
| NZIoC | Complies |

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2 Chemical Safety Assessment

No information available

16. Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H314 - Causes severe skin burns and eye damage

H400 - Very toxic to aquatic life

Revision Date 08-Nov-2017

Revision Note Not Applicable.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet