

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 03.05.2016

Version number 2

Revision: 03.05.2016

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

- **1.1 Product identifier**
- **Trade name: ENZYPIN DESCALING CLEANER**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
Relevant identified uses :
Descaling cleaner.
Uses advised against : none known.
- **Application of the substance / the mixture** Preparation
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
ACTION PIN
ZI de Cazalieu
CS 60030
40260 CASTETS
FRANCE
tel: 33-(0)-558550700
fax: 33-(0)-558550707
fds@action-pin.fr
- **Further information obtainable from:** Commercial
- **1.4 Emergency telephone number:**
Members of the public seeking specific information on poisons should contact :
In England and Wales : NHS 111 - dial 111
In Scotland : NHS 24 - dial 111
In N Ireland : contact your local GP or pharmacist during normal hours; click here
(www.gpoutofhours.hscni.net/) for GP services Out-of-Hours.
In Republic of Ireland : 01 809 2166

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements**
P101: If medical advice is needed, have product container or label at hand.
P102 : Keep out of reach of children.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· **Description:**

Cleansing agent
Descaling product

· **Dangerous components:**

CAS: 77-92-9	Citric acid	⚠ Eye Irrit. 2, H319	< 10%
Reg.nr.: 01-2119457026-42			

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** Do not leave affected persons unattended.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** If skin irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Remove contact lenses.

· **After swallowing:**

If person is conscious, rinse out mouth with water.
Not give anything to eat or drink. Do not induce vomiting
Seek immediate medical advice.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

Foam
Fire-extinguishing powder
Carbon dioxide (CO₂)

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:** Personal protective equipment.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Particular danger of slipping on leaked/spilled product.

· **6.2 Environmental precautions:** Do not dispose in the environment.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Clean the affected area carefully; suitable cleaners are:
Water

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
The usual precautionary measures are to be adhered to when handling chemicals.
Do not mix with any other products.
Do not inhale the spray.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Maximum storage temperature:** < 35 °C
- **Minimum storage temperature:** > 0 °C
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:**
Plan for eye water fountains and a good ventilation in the premises when the product is handled in constant and large quantities.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:**
Not classified, however, for more safety, wearing gloves recommended during product transferring.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Nitrile rubber, NBR
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
Not classified, however, for more safety, wearing glasses recommended during product transferring.
- **Body protection:** Use protective suit.

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

- | | |
|---------------------------|----------------------------|
| · Appearance: | Liquid slightly opalescent |
| · Form: | Liquid |
| · Colour: | Colourless |
| · Odour: | Pine |
| · Odour threshold: | Not determined. |

· pH-value at 20 °C:	2.2
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· Change in condition

· **Melting point/Melting range:** Undetermined.

· Flash point:	>80 °C
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· Self-igniting:	Product is not selfigniting.
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· Danger of explosion:	Product does not present an explosion hazard.
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· Density at 20 °C:	1.024 g/cm ³
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· **Solubility in / Miscibility with water:**

Soluble.

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

· **10.2 Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions** No dangerous reactions known.

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** Do not mix with other products.

· **10.6 Hazardous decomposition products:** None under normal conditions of storage and use.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity

· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Dermal	LD50	> 2000 mg/kg (rat)
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· Primary irritant effect:

· **Skin corrosion/irritation** No irritating effect.

· **Serious eye damage/irritation** No irritating effect.

· **Respiratory or skin sensitisation** No sensitising effects known.

· **Toxicokinetics, metabolism and distribution** Data not available at this time.

· **Acute effects (acute toxicity, irritation and corrosivity)** Data not available at this time.

· **Repeated dose toxicity** Data not available at this time.

SECTION 12: Ecological information

· 12.1 Toxicity

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** Solubility in water:soluble

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- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Ecolabel EU (2011/383/EU)
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Data not available at this time.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
- **Waste disposal key:**
07 06 00 : wastes from the MFSU of fats, soaps, detergents, disinfectants and cosmetics
15 01 10* : Packaging containing residues of or contaminated by dangerous substances
20 01 29: detergent containing hazardous substances.
- **Uncleaned packaging:**
- **Recommendation:** Packaging may be reused or recycled after cleaning.
- **Recommended cleansing agents:** Water.

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN-Number | Not applicable. |
| · 14.2 UN proper shipping name | Not applicable. |
| · 14.3 Transport hazard class(es) | Not applicable. |
| · 14.4 Packing group | Not applicable. |
| · 14.5 Environmental hazards: | Not applicable. |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Legislation references :
- **Regulations (EC) No 648/2004 and No 907/2006 on detergents.**
- **Contains :**

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- **less than 5 %**
anionic surfactants
non-ionic surfactants
enzymes
perfumes

- **REACH Regulation (EC) nr 1907/2006 :**
Substances listed in annex XIV (authorisation) and XVII (restriction) : none of the components are listed.

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· European Eco-label

Commission Decision 2011/383/EU of 28 June 2011 on establishing the ecological criteria for the award of the EU Ecolabel to all-purpose cleaners and sanitary cleaners

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

214290-M3

· Relevant phrases

H319 Causes serious eye irritation.

· Department issuing technical data sheet: Marketing**· Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

· * Data compared to the previous version altered.

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830.

Version CLP 1.2

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