Oust Descaler Multi-Purpose

Status: Saved copy for Softwire London COSHH file

Source URL: https://media.nisbets.com/asset/en/media/msds_hx474.pdf

Retrieved: 23 September 2026

Refer to the source URL for the manufacturer's original branded/pictogram formatting if needed. This document is a faithful text reproduction of the official Safety Data Sheet content retrieved from the source above, reformatted for the COSHH file; it is not the manufacturer's original branded PDF.

Safety Data Sheet according to Regulation (EC) No 1907/2006

SDS No. : 19189

V001.0

Revision: 06.06.2018

Oust All Purpose Descaler printing date: 08.06.2018

Replaces version from: -

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

1.1. Product identifier

Oust All Purpose Descaler

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

Intended use:

descalers

1.3. Details of the supplier of the safety data sheet

Henkel Ltd.

Wood Lane End, Hemel Hempstead

HP2 4RQ Hertfordshire

Phone: +44 (0) 1442 278000

consumer.response@henkel.com

1.4. Emergency telephone number

Henkel Hemel Hempstead: +44 1442 278000 / 0845 490 0176 (Monday to Friday from 9.00 to 17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Eye Irrit. 2

H319 Causes serious eye irritation.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:

Signal word: Warning

Hazard statement: H319 Causes serious eye irritation.

Precautionary statement: P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear eye 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.

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

2.3. Other hazards

None if used properly.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances EINECS REACH-Reg No. Content Classification
CAS-No.
Citric acid 201-069-1 01-21194 57026-42 >= 5- < 10 % Serious eye irritation 2
77-92-9 H319
For full text of the H - Phrases indicated by codes only see Section 16 "Other information".
SECTION 4: First aid measures
4.1. Description of first aid measures
General information:
In case of adverse health effects seek medical advice.
Inhalation:
Move to fresh air. In case of breathing difficulties seek immediate medical advise.
Skin contact:
Rinse with water. Take off all clothing contaminated by the product.
Eye contact:
Rinse immediately under running water (for 10 minutes), thereafter seek immediate specialist medical advise.
Ingestion:
Do not induce vomiting, seek medical advice immediately.
Rinse mouth with water, (only if the person is conscious).
4.2. Most important symptoms and effects, both acute and delayed
After inhalation: Irritation of the respiratory tract, coughing. Inhalation of larger amounts may cause laryngospasm with s hortness of breath.
A fter skin contact: Temporary irritation of the skin (redness, swelling, burning).
A fter eye contact: Moderate to strong irritation of the eyes (redness, swelling, burning, watering eyes).
After ingestion: Ingestion may cause irritation of mouth, throat, digestive tract, diarrhea and vomiting.
4.3. Indication of any immediate medical attention and special treatment needed
After inhalation: No special action.
After skin contact: No special action.
After eye contact: No special action.
After ingestion: Do not induce vomiting. Single administration of a non-carbonated beverage (water or tea).
SECTION 5: Firefighting measures
5.1. Extinguishing media
Suitable extinguishing media:
Water spray jet (if possible, avoid full jet). Adapt the fire-fighting measures to the environmental conditions.
Commercially available extinguishers are suitable for fighting incipient fires. The product itself does not burn.

Extinguishing media which must not be used for safety reasons:
None
5.2. Special hazards arising from the substance or mixture
Hazardous combustion products can be formed by pyrolysis and/or carbon monoxide.
5.3. Advice for firefighters
Use personal protective equipment and self-contained breathing apparatus.
SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
Danger of slipping on spilled product.
Avoid contact with skin and eyes.
Ensure adequate ventilation.
If large amounts are released contact the fire service.
6.2. Environmental precautions
Do not empty into drains / surface water / ground water.
6.3. Methods and material for containment and cleaning up
Remove mechanically. Rinse away residue with plenty of water.
6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No special measures required if used properly.

Hygiene measures:

Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water, skin care.

Protective equipment only required in case of industrial use or for large packs (not for household packs)

7.2. Conditions for safe storage, including any incompatibilities

Store dry at between +5 and +40°C.

Consider national regulations.

7.3. Specific end use(s)

descalers

SECTION 8: Exposure controls/personal protection

Only relevant for professional/industrial use

8.1. Control parameters

Valid for

Great Britain

Contains no components with occupational exposure limit values.

8.2. Exposure controls

Respiratory protection:

Not needed.

Hand protection:

For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:

Wear tight fitting goggles.

Skin protection:

Protective clothing against chemicals. Observe manufacturer's instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

The following data apply to the whole mixture.

a) Appearance liquid

viscous, slightly

turbid

colourless

b) Odor odourless

c) Odour threshold No data available / Not applicable

d) pH 1,4 - 1,7

(20 °C (68 °F); Conc.: 100 % product)

e) Melting point No data available / Not applicable

f) Initial boiling point and boiling range No data available / Not applicable

g) Flash point 100 °C (212 °F)No flash point up to 100°C. Aqueous preparation.

h) Evaporation rate No data available / Not applicable

i) Flammability (solid , gas) No data available / Not applicable

j) Upper / lower flammability or explosive limits No data available / Not applicable

k) Vapour pressure No data available / Not applicable
l) Vapor density No data available / Not applicable
m) Relative density
Density 1,052 - 1,058 g/cm3
(20 °C (68 °F))
n) Solubility (ies) soluble in water
o) Partition coefficient: n-octanol/water No data available / Not applicable
p) Auto-ignition temperature No data available / Not applicable
q) Decomposition temperature No data available / Not applicable
r) Viscosity No data available / Not applicable
s) Explosive properties No data available / Not applicable
t) Oxidising properties No data available / Not applicable
9.2. Other information
Not applicable
SECTION 10: Stability and reactivity
10.1. Reactivity
Reaction with strong alkaline and/or hypochlorite-containing cleansers / desinfectants: Production of heat and/or chlorine gas
10.2. Chemical stability
Stable under normal conditions of temperature and pressure.
10.3. Possibility of hazardous reactions
See section reactivity
10.4. Conditions to avoid
No decomposition if used according to specifications.

10.5. Incompatible materials
Containers and/or surfaces made of acid-sensitive materials, e.g. marble
10.6. Hazardous decomposition products
No decomposition if used according to specifications.
SECTION 11: Toxicological information
11.1. Information on toxicological effects
Acute oral toxicity:
The mixture is classified based on calculation method referring to the classified substances present in the mixture.
Hazardous substances Value Value Species Method
CAS-No. type
Citric acid L D50 5.400 mg/kg mouse OECD Guideline 401 (Acute Oral Toxicity)
77-92-9
Acute dermal toxicity:
The mixture is classified based on calculation method referring to the classified substances present in the mixture.
Hazardous substances Value Value Species Method
CAS-No. type
Citric acid LD50 > 2.000 mg/kg rat OECD Guideline 402 (Acute Dermal Toxicity)
77-92-9
Acute inhalative toxicity:
No substance data available.
No data available.
Skin corrosion/irritation:
The product has not to be classified as skin irritation based on human data with a similar mixture.
Hazardous substances Result Exposure Species Method
CAS-No. time
Citric acid not irritating 4 h rabbit OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
77-92-9

Serious eye damage/irritation:
The product has to be classified as eye irritation category 2 based on experimental data of an OECD 438 and a modified O ECD 405 Test with a similar mixture.
Hazardous substances Result Exposure Species Method
CAS-No. t ime
Citric acid highly rabbit OECD Guideline 405 (Acute Eye Irritation / Corrosion)
77-92-9 irritating
Respiratory or skin sensitization:
No data available.

Germ cell mutagenicity:
The mixture is classified based on threshold limits referring to the classified substances present in the mixture.
Hazardous substances Result Type of study / Metabolic Species Method
CAS-No. Route of activation /
administration Exposure time
Citric acid negative bacterial reverse with and without OECD Guideline 471
77-92-9 mutation assay (e.g (Bacterial Reverse Mutation
Ames test) Assay)
Citric acid negative oral: gavage rat OECD Guideline 475
77-92-9 (Mammalian Bone Marrow
Chromosome Aberration Test)
Citric acid negative oral: gavage rat EU Method B.22 (Rodent
77-92-9 Dominant Lethal Test)
Carcinogenicity
No data available.
Reproductive toxicity:
No data available.
STOT-single exposure:
No data available.
STOT-repeated exposure::
The mixture is classified based on threshold limits referring to the classified substances present in the mixture.
Hazardous substances Result / Value Route of Exposure time / Species Method
CAS-No. application Frequency of
treatment
Citric acid NOAEL 4.000 mg/kg oral: gavage 5 d rat not specified
77-92-9 daily
Aspiration hazard:
No data available.

SECTION 12: Ecological information
12.1. Toxicity
Toxicity (Fish):
The mixture is classified based on calculation method referring to the classified substances present in the mixture.
Hazardous substances Value Value Exposure time Species Method
CAS-No. type
Citric acid LC50 > 250 mg/l 48 h Leuciscus idus DIN 38412-15
77-92-9
Toxicity (Daphnia):
The mixture is classified based on calculation method referring to the classified substances present in the mixture.
Hazardous substances Value Value Exposure time Species Method
CAS-No. type
Citric acid EC50 275 mg/l 24 h Daphnia magna not specified

77-92-9
Chronic toxicity to aquatic invertebrates
No data available.
Toxicity (Algae):
The mixture is classified based on calculation method referring to the classified substances present in the mixture.
Hazardous substances Value Value Exposure time Species Method
CAS-No. type
Citric acid EC50 > 640 mg/l 7 d Scenedesmus quadricauda OECD Guideline 201 (Alga,
77-92-9 Growth Inhibition Test)
Toxicity to microorganisms
The mixture is classified based on calculation method referring to the classified substances present in the mixture.
Hazardous substances Value Value Exposure time Species Method
CAS-No. type
Citric acid EC0 1.000 mg/l 30 min not specified
77-92-9
12.2. Persistence and degradability
Hazardous substances Result Test type Degradability Exposure Method
CAS-No. time
Citric acid readily biodegradable aerobic 79 % 30 d OECD Guideline 301 D (Ready
77-92-9 Biodegradability: Closed Bottle
Test)
12.3. Bioaccumulative potential
Does not bioaccumulate.
No substance data available.
12.4. Mobility in soil

Hazardous substances LogPow Temperature Method
CAS-No.
Citric acid -1,72 20 °C EU Method A.8 (Partition Coefficient)
77-92-9
12.5. Results of PBT and vPvB assessment
Hazardous substances PBT / vPvB
CAS-No.
Citric acid Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very
77-92-9 Bioaccumulative (vPvB) criteria.
12.6. Other adverse effects
Other adverse effects of this product for the environment are not known to us.
SECTION 13: Disposal considerations
13.1. Waste treatment methods
Product disposal:
Dispose of in accordance with local and national regulations.
Disposal of uncleaned packages:
Only completely empty containers are to be disposed of as recoverable materials.
SECTION 14: Transport information
14.1. UN number
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
14.2. UN proper shipping name
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
14.3. Transport hazard class(es)
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
14.4. Packing group
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

Declaration of ingredients according to Detergent Regulation 648/2004/EC

< 5 % non-ionic surfactants

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

H319 Causes serious eye irritation.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This Safety Data Sheet contains changes from the previous version in Section(s): 1 - 16