

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 1 / 11

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

1.1 Product identifier

abrazo Topf&Pfanne - abrazo PROFESSIONAL

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

1.2.1 Relevant uses

Cleaning agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company OSCAR WEIL GmbH
Tramplerstraße 27 - 31
77933 Lahr / GERMANY
Phone +49 (0)7821-9396-0
Fax +49 (0)7821-93 96 96
Homepage www.abrazo.de
E-mail info@oscarweil.de

Address enquiries to

Technical information info@oscarweil.de
Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (english)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Eye Irrit. 2: H319 Causes serious eye irritation.
Skin Irrit. 2: H315 Causes skin irritation.

2.2 Label elements

Hazard pictograms



Signal word

WARNING

Hazard statements

H319 Causes serious eye irritation.
H315 Causes skin irritation.

Precautionary statements

P102 Keep out of reach of children.
P101 If medical advice is needed, have product container or label at hand.
P280 Wear protective gloves / 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.

Cleaner, 648/2004/CE, contains:

>=30% soap
< 5% non-ionic surfactants
fragrances LINALOOL
fragrances d-LIMONENE
fragrances CITRAL
fragrances

2.3 Other hazards

Environmental hazards

Does not contain any PBT or vPvB substances.

Other hazards

Further hazards were not determined with the current level of knowledge.

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 2 / 11

SECTION 3: Composition / Information on ingredients

Product-type:

The product is a mixture.

Range [%]	Substance
1 - 5	Potassium carbonate CAS: 584-08-7, EINECS/ELINCS: 209-529-3 GHS/CLP: Eye Irrit. 2: H319 - Skin Irrit. 2: H315 - STOT SE 3: H335
1 - 3,5	Disodium metasilicate-pentahydrate CAS: 10213-79-3, EINECS/ELINCS: 229-912-9, EU-INDEX: 014-010-00-8, Reg-No.: 01-2119449811-37-XXXX GHS/CLP: Met. Corr. 1: H290 - Skin Corr. 1B: H314 - Eye Dam. 1: H318 - STOT SE 3: H335
0,1 - 1	Sodium nitrite CAS: 7632-00-0, EINECS/ELINCS: 231-555-9, EU-INDEX: 007-010-00-4 GHS/CLP: Ox. Sol. 3: H272 - Acute Tox. 3: H301 - Aquatic Acute 1: H400

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Take off contaminated clothing and wash before reuse.

Inhalation

Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact

When in contact with the skin, clean with soap and water.
Consult a doctor if skin irritation persists.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion

Seek medical advice immediately.
Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.

Extinguishing media that must not be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 3 / 11

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.

Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

The normal safety precautions for handling chemicals must be observed.

Wash hands before breaks and after work.

Use barrier skin cream.

Do not eat, drink, smoke or take drugs at work.

7.2 Conditions for safe storage, including any incompatibilities

Provide alkali-resistant floor.

Prevent penetration into the ground.

Do not store together with food and animal food/diet.

Store in a dry place.

Protect from heat/overheating.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational
exposure limits to be monitored (GB)

not applicable

DNEL

Substance
Disodium metasilicate-pentahydrate, CAS: 10213-79-3
Industrial, inhalative, Long-term - local effects: 6,22 mg/m ³ .
Industrial, dermal, Long-term - local effects: 1,49 mg/kg.
general population, inhalative, Long-term - local effects: 1,55 mg/m ³ .
general population, oral, Long-term - local effects: 0,74 mg/kg.
general population, dermal, Long-term - local effects: 0,74 mg/kg.

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 4 / 11

8.2 Exposure controls

Additional advice on system design	No special measures necessary.
Eye protection	safety glasses (EN 166:2001)
Hand protection	0,4mm Butyl rubber, >120 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Not required under normal conditions.
Other	Avoid contact with eyes and skin.
Respiratory protection	Not required under normal conditions.
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	solid
Color	bright red
Odor	characteristic
Odour threshold	not applicable
pH-value	10,5 - 11,5 (5%ig)
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not applicable
Density [g/ml]	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	partially soluble
Partition coefficient [n-octanol/water]	not determined
Viscosity	not applicable
Relative vapour density determined in air	not applicable
Evaporation speed	not applicable
Melting point [°C]	not applicable
Autoignition temperature [°C]	not applicable
Decomposition temperature [°C]	not determined

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

Reactions with acids.

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 5 / 11

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

Acids

10.6 Hazardous decomposition products

No hazardous decomposition products known.

OSCAR WEIL GmbH
 77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 6 / 11

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product
ATE-mix, inhalativ (dust), > 5 mg/l 4h.
ATE-mix, dermal, > 2000 mg/kg.
ATE-mix, oral, > 2000 mg/kg.
Substance
Disodium metasilicate-pentahydrate, CAS: 10213-79-3
LD50, oral, mouse: 770 mg/kg.
LD50, oral, Rat: 1280 mg/kg.
Sodium nitrite, CAS: 7632-00-0
LD50, oral, Rat: 180 mg/kg.
Potassium carbonate, CAS: 584-08-7
LC50, oral, Rat: >2000 mg/kg.

Serious eye damage/irritation	Based on the available information, the classification criteria are fulfilled. Toxicological data of complete product are not available. Irritant Calculation method
Skin corrosion/irritation	Based on the available information, the classification criteria are fulfilled. Toxicological data of complete product are not available. Irritant Calculation method
Respiratory or skin sensitisation	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Specific target organ toxicity — single exposure	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Specific target organ toxicity — repeated exposure	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Mutagenicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Reproduction toxicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Carcinogenicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Aspiration hazard	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
General remarks	none

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 7 / 11

SECTION 12: Ecological information

12.1 Toxicity

Substance
Disodium metasilicate-pentahydrate, CAS: 10213-79-3
LC50, (96h), Brachidanio rerio: 180 mg/l.
EC50, (72h), Scenedesmus subspicatus: 207 mg/l.
EC50, (48h), Daphnia magna: 1700 mg/l.
Sodium nitrite, CAS: 7632-00-0
LC50, Crustacea: 34,8 mg/l/120h.
LC50, (96h), Crustacea: 4,93 mg/l.
LC50, (96h), fish: 118,3-150,7 mg/l.
LC50, (96h), Oncorhynchus mykiss: 0,54-26,3 mg/l.
EC50, (48h), Bacteria: 421 mg/l.
NOEC, fish: 6,16 mg/l/31d.
Potassium carbonate, CAS: 584-08-7
LC50, (96h), Pimephales promelas: <510 mg/l.
LC50, fish: 200 mg/l (Methode DIN 38412).
EC50, (48h), Daphnia magna: 650 mg/l.

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

not determined

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

None known.

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 8 / 11

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

For recycling, consult manufacturer.
Coordinate disposal with the disposal contractor/authorities if necessary.

Waste no. (recommended) 070608*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150110*
150101

SECTION 14: Transport information

14.1 UN number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 9 / 11

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

EEC-REGULATIONS 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC; (EU) 2015/830

TRANSPORT-REGULATIONS DOT-Classification, ADR (2015); IMDG-Code (2015, 37. Amdt.); IATA-DGR (2015).

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011). CHIP 3/ CHIP 4

- Observe employment restrictions for people Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.

- VOC (1999/13/CE) 0 %

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 03)

H318 Causes serious eye damage.
H314 Causes severe skin burns and eye damage.
H290 May be corrosive to metals.
H400 Very toxic to aquatic life.
H301 Toxic if swallowed.
H272 May intensify fire; oxidiser.
H335 May cause respiratory irritation.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 10 / 11

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV@/TWA = Threshold limit value – time-weighted average
TLV@STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)

OSCAR WEIL GmbH
77933 Lahr

Date printed 15.12.2015, Revision 03.11.2015

Version 03. Supersedes version: 02

Page 11 / 11

Modified position

SECTION 2 been added: P101 If medical advice is needed, have product container or label at hand.

SECTION 2 deleted: Frequent persistent contact with the skin can cause skin irritation.

SECTION 2 been added: P102 Keep out of reach of children.

SECTION 2 been added: Skin Irrit. 2

SECTION 2 been added: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 2 been added: P280 Wear protective gloves / eye protection.

SECTION 2 been added: H315 Causes skin irritation.

SECTION 2 been added: P337+P313 If eye irritation persists: Get medical advice / attention.

SECTION 4 been added: When in contact with the skin, clean with soap and water.

SECTION 4 been added: Take off contaminated clothing and wash before reuse.

SECTION 4 been added: Ensure supply of fresh air.

SECTION 4 been added: In the event of symptoms seek medical treatment.

SECTION 6 been added: Use personal protective equipment.

SECTION 7 been added: The normal safety precautions for handling chemicals must be observed.

SECTION 7 been added: Do not eat, drink, smoke or take drugs at work.

SECTION 7 been added: Prevent penetration into the ground.

SECTION 7 been added: Do not store together with food and animal food/diet.

SECTION 8 been added: Avoid contact with eyes and skin.

SECTION 8 been added: Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 8 been added: safety glasses (EN 166:2001)

SECTION 10 been added: Reactions with acids.

SECTION 10 been added: Acids

SECTION 12 been added: Accumulation in organisms is not expected.

SECTION 13 been added:

SECTION 13 been added:

SECTION 13 been added:

SECTION 15 deleted: 1, gem. VwVwS vom 27.07.2005

SECTION 15 been added: TRGS 510: Storage of hazardous substances in non-stationary containers

SECTION 15 been added: 2, gem. VwVwS vom 27.07.2005

SECTION 15 been added: Please note BG leaflet BGI 595: Irritative substances/caustic substances when at work.

SECTION 16 been added: Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.



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