

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

according to Regulation (EU) No 453/2010



Article No.: 1078
Print date: 19.08.2015
Version: 3-0

Banden Renovator
Revision date: 17.06.2015
Issue date: 17.06.2015

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

1.1. Product identifiers

Article No. (manufacturer/supplier): 1078
Identification of the substance or mixture: Banden Renovator

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

Relevant identified uses
protection and care products
Uses advised against
There is no information available for use is discouraged facing.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)
4M Trading International B V
Wolkammerstraat 2 A Telephone: +31 (0) 6 - 38880000
NL - 8601 VB Sneek Telefax:
The Netherlands E-mail info@4m-trading.nl
Dept. responsible for information:

E-mail (competent person) info@4m-trading.nl

1.4. Emergency telephone number

National Poison phone number Information
Centrum (NVIC): NL +31 30-2748888
UK 1-352-323-3500

Exclusively intended for healthcare professionals in acute poisoning.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Hazard statements

not applicable

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

contains:

not applicable

Supplemental Hazard information (EU)

EUH210 Safety data sheet available on request.

2.3. Other hazards

SECTION 3: Composition / information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Product description / chemical characterization

Description Lubricating agent

Hazardous ingredients

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Classification according to Regulation (EC) No. 1272/2008 [CLP]

EC No.	REACH No.	Wt %
CAS No.	Chemical name	Remark
INDEX No.	classification:	
918-317-6	01-2119474196-32-xxxx	
EG918-317-6	Asp. Tox. 1 H304	50 - 100

Additional information

Full text of classification: see section 16

Hazardous ingredients

Labelling for contents according to regulation (EC) No. 648/2004:

Wt %	Ingredient (Designation)
> 30 %	aliphatic hydrocarbons

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off immediately all contaminated clothing. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In all cases of doubt, or when symptoms persist, seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of respiratory tract irritation, consult a physician.

Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Keep victim calm. Do NOT induce vomiting. Seek medical advice immediately. If medical advice is needed, have product container or label at hand.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Inhaling hazardous decomposing products can cause serious health damage.

5.3. Special protective equipment for firefighters:

Provide a conveniently located respiratory protective device.

Additional information

Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.

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- 6.2. Environmental precautions
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.
- 6.3. Methods and material for containment and cleaning up
Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents. Provide adequate ventilation.
- 6.4. Reference to other sections
Observe protective provisions (see chapter 7 and 8).

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
Advices on safe handling
Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Keep container tightly closed. If handled uncovered, arrangements with local exhaust ventilation should be used if possible. Do not breathe mist. Thorough skin-cleansing after handling the product.
Precautions against fire and explosion:
Vapours are heavier than air. Vapours form explosive mixtures with air.
- 7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Store carefully closed containers upright to prevent any leaks.
Hints on joint storage
Keep away from strongly acidic and alkaline materials as well as oxidizers.
Further information on storage conditions
Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. German Ordinance on Industrial Safety and Health (BetrSIVO): Flammable
- 7.3. Specific end use(s)
Observe technical data sheet. Observe instructions for use, Notice the directions for use on the label.

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
Occupational exposure limit values:

INDEX No. not applicable / CAS No.

DNEL:

EC No. 918-317-6 / CAS No. EG918-317-6
DNEL long-term dermal (systemic), Workers: 208 mg/kg
DNEL acute inhalative (systemic), Workers: 871 mg/m³
DNEL long-term oral (repeated), Consumer: 125 mg/kg
DNEL long-term dermal (systemic), Consumer: 125 mg/kg
DNEL long-term inhalative (systemic), Consumer: 900 mg/m³
- 8.2. Exposure controls
Provide good ventilation.
Occupational exposure controls
Respiratory protection
If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Hand protection
For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber) / NBR (Nitrile rubber) Barrier creams can help protecting exposed skin areas. In no case should they be used after contact. Recommended

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glove articles rubber gloves. Penetration time of glove material depending on intensity and duration of exposure to skin:

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: liquid
Physical state
Colour refer to label
Odour characteristic

Safety relevant basis data

	Unit	Method	Remark
Flash point:	> 63 °C	DIN 53213	
Ignition temperature in °C:	201 °C		
Lower explosion limit:	0,6 Vol-%		
Upper explosion limit:	7,0 Vol-%		
Vapour pressure at °C::	1 mbar		
Density at °C::	0,82 g/cm ³		
Water solubility (g/L):	insoluble		
Viscosity at °C:	< 100 mPa·s		
Solvent separation test (%): solvent content:	< 3 %		
Organic solvents::	76 Wt %		
Water:	0 Wt %		

9.2. Other information:

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

none Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No. 1272/2008 [CLP]

No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

Toxicological data are not available.

Toxicological data are not available.

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Toxicological data are not available.

skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

Practical experience/human evidence

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage. Frequently or prolonged contact with skin may cause dermal irritation.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

Classification according to Regulation (EC) No. 1272/2008 [CLP]

There is no information available on the preparation itself .

Do not allow to enter into surface water or drains.

12.1. Toxicity

No information available.

Long-term Ecotoxicity

Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

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130205 mineral-based non-chlorinated engine, gear and lubricating oils

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

- 14.1. UN number not applicable
- 14.2. UN proper shipping name
- 14.3. Transport hazard class(es) not applicable
- 14.4. Packing group not applicable
- 14.5. Environmental hazards
Land transport (ADR/RID)
Marine pollutant not applicable
- 14.6. Special precautions for user
Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
Advices on safe handling see parts 6 - 8
Additional information
Land transport (ADR/RID)
tunnel restriction code
Sea transport (IMDG)
EmS-No. not applicable
- 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
EU legislation
Regulation (EC) No. 648/2004 (Detergents regulation)
Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).
VOC-value (in g/L) ISO 11890-2: 824
VOC-value (in g/L) ASTM D 2369: 824
National regulations
Restrictions of occupation
Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
Other information
Additional information
0
- 15.2. Chemical Safety Assessment
Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

Full text of classification in section 3:

Asp. Tox. 1 / H304

Aspiration hazard

May be fatal if swallowed and enters airways.

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The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.