

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : BAND-ADE® SAWING FLUID  
Product code : BAND\_ADE  
Type of product : Metalworking fluid

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Industrial/Professional use spec : For industrial and professional use only.  
Use of the substance/mixture : Use only as recommended on the product application sheet.

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

Newell Rubbermaid UK Limited  
Halifax Avenue – Fradley Park  
Lichfield Staffordshire WS13 8SS - United Kingdom  
T +44 (0) 1543 44 70 01  
[lenox.bandsaw@newellco.com](mailto:lenox.bandsaw@newellco.com) - [www.lenoxtools.eu](http://www.lenoxtools.eu)  
E-mail address of competent person responsible for the SDS : [lenox.bandsaw@newellco.com](mailto:lenox.bandsaw@newellco.com)

**1.4. Emergency telephone number**

Emergency number : + 32 (0)14 58 45 45 (BIG, Belgium)

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NATIONAL EMERGENCY TELEPHONE NUMBER	London	0870 243 2241 +44 (0)20 7771 5310	

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Flammable liquids Not classified

Full text of hazard classes and H-statements : see section 16

**Adverse physicochemical, human health and environmental effects**

Not applicable.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
Precautionary statements (CLP) : P264 - Wash hands, forearms and face thoroughly after handling  
P280 - Wear eye protection, protective gloves



# BAND-ADE® SAWING FLUID

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 17-03-16

Revision date: 15-06-17 Supersedes: 17-03-16

Version: 1.1

P302+P352 - IF ON SKIN: Wash with plenty of water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P501 - Dispose of contents/container to a hazardous or special waste collection point

EUH-statements

: For industrial and professional use only.

### 2.3. Other hazards

Other hazards not contributing to the classification : Spilled product may result in slippery floors. Do not allow material to contaminate ground water system.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Polypropylene glycol	(CAS-No.) 25322-69-4 (EC-No.) 500-039-8	10 - 20	Acute Tox. 4 (Oral), H302
Poly(oxy-1,2-ethanediyl), a-[(9Z)-2-[(1-oxo-9-octadecen-1-yl)amino]ethyl]-w-hydroxy-	(CAS-No.) 26027-37-2	5 - 10	Eye Irrit. 2, H319
3,3'-Methylene-bis-[5-methyloxazolidine]	(CAS-No.) 66204-44-2 (EC-No.) 266-235-8	1 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1B, H314

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.  
First-aid measures after inhalation : Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.  
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.  
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.  
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Drink promptly large quantities of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water.

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

Symptoms/effects after skin contact : Causes skin irritation.  
Symptoms/effects after eye contact : Causes serious eye irritation.  
Symptoms/effects after ingestion : Ingestion may cause nausea, vomiting and diarrhea.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Any fire extinguishing media may be used on nearby fires (water, powder, foam).  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : The product is not flammable.  
Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide. nitrogen oxides (NOx).

### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Spill area may be slippery.

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.

#### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Sweep or shovel spills into appropriate container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation.

### 6.4. Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. Concerning disposal elimination after cleaning, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Handle in accordance with good industrial hygiene and safety practice.  
Precautions for safe handling : Avoid contact with eyes. Provide good ventilation in process area to prevent formation of vapour.  
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.  
Storage conditions : Keep container closed when not in use. Keep at temperatures between 5°C and 35°C in original container.  
Incompatible products : Strong bases. Strong acids.  
Storage area : Store in a well-ventilated place.  
Special rules on packaging : Keep only in original container. Store in a closed container.

### 7.3. Specific end use(s)

Use only as recommended on the product application sheet.



# BAND-ADE® SAWING FLUID

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 17-03-16

Revision date: 15-06-17 Supersedes: 17-03-16

Version: 1.1

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Type of glove (DIN/EN 374): nitril, 0,11mm; minimum breakthrough time: 480 min. The same gloves can be used for the diluted product, if considered necessary. Consider the particular working conditions under which the gloves are being used. Impervious gloves are required when handling product concentrate.

#### Eye protection:

Chemical goggles or face shield. (EN 166). Consider the particular working conditions under which the goggles are being used.

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	: 9,5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 100 °C
Flash point	: > 110 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1,0055
Density	: 1005,5 kg/m <sup>3</sup> @20°C
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: No data available



# BAND-ADE® SAWING FLUID

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 17-03-16

Revision date: 15-06-17 Supersedes: 17-03-16

Version: 1.1

### 9.2. Other information

Additional information : The above data are typical values and do not constitute a specification.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with (some) acids.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Do not mix with acids. Formaldehyde may be released below pH of 7.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Incompatible with strong acids and oxidizing agents.

### 10.6. Hazardous decomposition products

None under normal use. See Heading 5.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified  
Additional information : Based on available data, the classification criteria are not met

#### Polypropylene glycol (25322-69-4)

LD50 oral rat	3750 mg/kg
---------------	------------

Skin corrosion/irritation : Causes skin irritation.  
pH: 9,5  
Serious eye damage/irritation : Causes serious eye irritation.  
pH: 9,5  
Respiratory or skin sensitisation : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Germ cell mutagenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Carcinogenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Reproductive toxicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
STOT-single exposure : Not classified  
Additional information : Based on available data, the classification criteria are not met  
STOT-repeated exposure : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Aspiration hazard : Not classified  
Additional information : Based on available data, the classification criteria are not met



# BAND-ADE® SAWING FLUID

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 17-03-16

Revision date: 15-06-17 Supersedes: 17-03-16

Version: 1.1

Potential adverse human health effects and symptoms : Irritation: severely irritant to eyes.

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic toxicity : Not classified  
Chronic aquatic toxicity : Not classified

### 12.2. Persistence and degradability

BAND-ADE® SAWING FLUID	
Persistence and degradability	This product is not, or does not contain substances which are classified as PBT or vPvB.

### 12.3. Bioaccumulative potential

BAND-ADE® SAWING FLUID	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : If pretreatment is needed, chemical emulsion breaking or ultrafiltration may be used.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Additional information : Empty containers should be transported/delivered using a registered waste carrier for local recycling or waste disposal.  
Ecology - waste materials : Avoid release to the environment.  
European List of Waste (LoW) code : 12 01 09\* - machining emulsions and solutions free of halogens  
This code is applicable for the product as supplied only. The conditions of use may affect the waste classification after use; see Decision 2000/532/EC and its amendments.

## SECTION 14: Transport information

In accordance with ADR / IMDG

ADR	IMDG
<b>14.1. UN number</b>	
Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>	
Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>	
Not regulated	Not regulated
<b>14.4. Packing group</b>	
Not regulated	Not regulated
<b>14.5. Environmental hazards</b>	
Not regulated	Not regulated
No supplementary information available	



# BAND-ADE® SAWING FLUID

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 17-03-16

Revision date: 15-06-17 Supersedes: 17-03-16

Version: 1.1

### 14.6. Special precautions for user

#### - Overland transport

Not regulated

#### - Transport by sea

Not regulated

### 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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes:

Identification of the substance/mixture and of the company/undertaking. Exposure controls/personal protection. Disposal considerations.

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	Accord Dangereux Routier (European regulations concerning the international transport of dangerous goods by road)
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.



# BAND-ADE® SAWING FLUID

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 17-03-16

Revision date: 15-06-17 Supersedes: 17-03-16

Version: 1.1

Other information : None.

### Full text of H- and EUH-phrases:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. Not classified	Flammable liquids Not classified
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
	For industrial and professional use only.

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Flam. Liq. Not classified		Expert judgment

SDS\_LNX

#### Disclaimer:

The opinions expressed herein are those of competent persons within LENOX Tools and of their suppliers. We believe that the information contained herein is current as of the print date mentioned in this Safety Data Sheet. This Safety Data Sheet was prepared and is to be used for this product only. If this product is used as a component in another product, the information in this Safety Data Sheet may not be applicable. Since the use of this information and of these opinions and the condition and use of the product are not within the control of LENOX Tools, it is the user's obligation to determine the conditions of safe use of the product.