

CHEMIA- BOMAR

MATERIAL SAFETY DATA SHEET

prepared in accordance with Commission Regulation (EU) No. 453/2010 amending Regulation (EC) No 1907/2006 (REACH)

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01

Date of issue
29.05.2014

Revised
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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: ...

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

1.2.1. Relevant identified uses

Product for windscreen and headlights washers

1.2.2. Uses advised against

Other than specified in section 1.2.1 and in instruction of use

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

Przedsiębiorstwo Produkcyjno-Handlowe "Chemia - Bomar" Edward Marciniak

Address: 49 – 345 Skorogoszcz, ul. Polna 6, Poland

Tel./Fax.: +48 77 4121-033, 4111-033, 4121022

www.plyny.pl

Person responsible for MSDS: Stanislaw Marciniak; email: biuro@plyny.pl

1.4. Emergency telephone number:

+48 42 631 47 25 – National Poisons Information Centre, Lodz, Poland

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

According to the Regulation (WE) no 1272/2008

Product isn't classified as hazardous

According to the Directive 1999/45/EC (as amended)

Product isn't classified as hazardous

Health hazard: product can be mild irritating to eyes and skin

Environmental Hazards: no

Physical/chemical hazards: no

Fire hazard: product is non-combustible

2.2. Label elements

According to the Regulation (WE) no 1272/2008

Pictogram: Not required

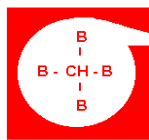
Signal Word: Not required

Hazard statements: Not required

Precautionary Statement: Not required

Special labelling for product not intended for the general public:

EUH 210 Safety data sheet available on request



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According to the Directive 1999/45/EC (as amended)

Pictogram: Not required

Hazard statements R: Not required

Safety phrases S: Not required

Special labelling:

Safety data sheet available for professional user on request

Labeling acc. to Regulation (EC) No 648/2004 of the European Parliament and of the Council from 31.03.2004 on detergents (as amended)

Contains: less than 5 % w/w of anionic surfactants, citronellol, linalool, 3-(4-tert-butylphenyl)butanal

2.3. Other hazards:

The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

The product is a mixture.

Chemical composition: water, surfactant, perfumes (contained hazardous ingredients on level below 0,1%), additives

The classification of hazardous substances contained in the product are given in Table 3.1 and 3.2 of Annex VI to the Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 (Regulation GHS), including Commission Regulation (EC) 790/2009 (1 ATP), the manufacturer and available literature data.

No CAS	No EINECS	Index number	REACH registration number	Chemical name	Quantity	Risk category	H, R phrases
68891-38-3	500-234-8	not assigned	01-2119488639-16	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	1 – < 3 % w/w	Skin Irrit.2, Eye Irrit. 2*	H315, 319
						Xi**	R36/38

* Classification according to Regulation (WE) 1272/2008

** Classification according to the Directive 67/548/EEC (as amended)

For the wording of the listed risk phrases and hazard statements refer to section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General recommendations

The first step is to remove the injured person from a polluted environment. Place in a lateral position. Provide fresh air and heat. Never give anything by mouth to an unconscious person.

In the event of health problems, immediately contact doctor. Show MSDS of product.

Contamination of the skin: Contaminated areas of the skin wash thoroughly with water

Contamination of the eye: Flush contaminated eyes with wide-open eyelids a continuous stream of water for about 15 minutes. In the case of persistent irritation consult an ophthalmologist.

Inhalation: Remove victim from exposure, provide fresh air

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Ingestion: Rinse mouth immediately and then drink plenty of water, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

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

Acute symptoms – no data

Delayed symptoms – no data

Effects of exposure – no data

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

Note to Physician: No specific antidote, treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents: product isn't combustible, use appropriate extinguishing agents for surrounding, burning materials

Extinguishing media which must not be used for safety reasons: doesn't concern

5.2. Special hazards arising from the mixture

The combustion / thermal decomposition of the product may produce carbon, sulphur oxides, other harmful gases. Avoid inhalation of combustion products, may pose a threat to health.

5.3. Advice for fire-fighters

Apply the breathing apparatus and protective clothing for fire fighting or during clean-up work immediately after a fire in an enclosed, or poorly ventilated areas.

General: inform about the fire, call the appropriate emergency services. Remove from the endangered area unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary.

Additional notes: packaging containing product which are not covered by the fire, exposed to fire or high temperature should be if possible removed from the hazardous area or cooled by water spray.

Fire residues and contaminated waters dispose in according to applicable regulations.

Do not introduce contaminated waters into drains.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid direct contact with releasing product. Provide adequate ventilation.

Inform about the accident, call the appropriate emergency services (eg Fire Brigade, Police) if necessary.

Remove from the hazardous area all persons not taking part in the emergency removal.

6.2. Environmental precautions

Do not allow to enter drains, groundwater, soil and open water courses. Spilled product should be protected against spreading using dams or barriers. In case of water contamination inform local authorities.

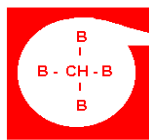
6.3. Methods and material for containment and cleaning up

Stop the leak if it's possible and safe. Protect damaged packaging. Try to cut off the source of environmental contamination (seal damaged container and put in an emergency container.) Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water, observing environmental regulations.

6.4. Reference to other sections

Personal protective equipment – section 8

Waste disposal – section 13



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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Observe good personal hygiene and wear protective clothing in accordance with information set out in section 8. Read the label/instructions carefully before use.

Avoid contact with skin and eyes, avoid vapour/mist/aerosol inhalation. Ensure adequate ventilation /exhaust in the workplace, work in well ventilated areas. Unused containers with product keep closed. Provide easy access to running water, emergency and first aid equipment.

Special measures for protection against fire and explosion:

No special precautions necessary. The product is non-combustible. Product is not explosive.

Industrial hygiene

- ensure good ventilation (overall and local exhausted ventilation)
- ensure place for eyes and skin rinsing
- wash hands with soap and water before eating, smoking and after work
- immediately remove spilled product
- use general caution while working with chemical substances

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the closed original container properly labelled in accordance with local/federal regulations. Protect from frost, direct sunshine.

Keep the product away from children, food, beverage and animal feed.

7.3. Specific end use(s)

See section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational Exposure Limit Value:

There is no exposure standard allocated to hazardous components of this product.

8.2. Exposure controls

8.2.1. Appropriate engineering controls:

Adequate ventilation

8.2.2. Personal protective equipment

The need of use and selection of appropriate personal protective equipment should depending on type of threat posed by the product, workplace conditions and handling of the product. Use protective equipment from reputable manufacturers.

a) **Respiratory protection** – is not required

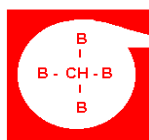
b) **Hand protection** – recommended protective gloves. Material of gloves: nitril or neoprene rubber. It is recommended to change gloves and replace them immediately if you notice any signs of wear, damage (rupture, perforation) or changes in appearance (color, flexibility, shape).

c) **Eye protection** – recommended sealed safety glasses or full face protection

d) **Skin protection** – protective clothing

Environmental exposure controls:

Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	liquid
Colour:	no data
Odour:	characteristic
Odour threshold:	no data
pH:	no data
Melting point/freezing point:	no data
Initial boiling point and boiling range:	no data
Flash point:	doesn't concern
Evaporation rate:	no data
Flammability:	product isn't flammable
Upper/lower flammability or explosive limits:	doesn't concern
Vapour pressure:	no data
Vapour density:	no data
Density:	no data
Solubility in water:	very good
Solubility in other solvents:	no data
Partition coefficient: n-octanol/water:	no data
Auto-ignition temperature:	doesn't concern
Decomposition temperature:	no data
Viscosity:	no data
Explosive properties:	doesn't concern
Oxidising properties:	no data

9.2. Other information no data

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Under the properly conditions of storage and handling – no reactivity

10.2. Chemical stability

Stable under normal conditions (see Section 7 - storage conditions)

10.3. Possibility of hazardous reactions

No data

10.4 Conditions to avoid

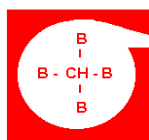
Frost, direct sunlight

10.5. Incompatible materials

No data

10.6 Hazardous decomposition products

Under normal conditions of use are not known



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SECTION 11: TOXICOLOGICAL INFORMATION

There have been no toxicological tests for the product.

11.1. Information on toxicological effects

Acute toxicity:

Acute Oral Toxicity LD50 (rat): no data

Acute Dermal Toxicity LD50 (rabbit): no data

Acute Inhalation Toxicity LC50 (rat): no data

Product isn't classified as harmful.

Skin corrosion/irritation: No data available.

Product isn't classified as irritant.

Respiratory or skin sensitisation: No data available. Product isn't classified as sensitizing. Contains allergens: citronellol, linalool, 3-(4-tert-butylphenyl)butanal in quantity below 0,02% w/w

Germ cell mutagenicity: No data available. Hazardous ingredients of the product aren't mentioned on the list of mutagenic substances.

Carcinogenicity: No data available. Hazardous ingredients of the product aren't mentioned on the list of carcinogenic substances.

Reproductive toxicity: No data available. Hazardous ingredients of the product aren't mentioned on the list of reproductive toxicity substances.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Acute Toxicity to fish: no data

Acute Toxicity to aquatic invertebrates: no data

12.2. Persistence and degradability

Surfactant contained in product fulfils requirements of biodegradability acc. to Regulation (EC) No 648/2004 of the European Parliament and of the Council from 31.03.2004 on detergents.

Biodegradability 73 % after 28 days test EU EEC C.4-D

12.3. Bioaccumulative potential

No data

12.4. Mobility in soil

No data

12.5. Results of PBT and vPvB assessment:

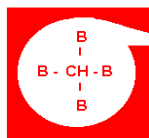
No data

12.6. Other adverse effects

Product isn't classified as harmful to the aquatic environment.

Product presents low hazard for environment in handling form.

Take care that the product has not penetrated into the soil, drinking water sources, water tanks etc.



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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Dispose of waste in accordance with all Federal, State and Local regulations.

Waste of product: communicate with the manufacturer of the product on the possibility of processing waste. If it's not possible, deliver it to utilization in plants permitted to waste collection, transport, waste recovery and disposal. Waste of product can't be disposed together with household garbage. Do not allow product to reach sewage system. Waste code must be given individually depending of the sector and place of use.

Disposing of the packaging: it's prohibited to burn them on the ground.

SECTION 14: TRANSPORT INFORMATION

- 14.1. **UN number:** doesn't concern
14.2. **UN proper shipping name:** doesn't concern
14.3. **Transport hazard class:** doesn't concern
14.4. **Packing group:** doesn't concern
14.5. **Environmental hazards:** no
14.6. **Special precautions for user:** see section 7.1
14.7. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** doesn't concern

SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council from 18.12.2006 concerning the Registration, Evaluation, Authorization and Restriction from Chemicals (REACH)
- 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
- Commission Regulation (EU) No. 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures
- Commission Regulation (EU) No 487/2013 of 8 May 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures
- Commission Regulation (EU) No 944/2013 of 2 October 2013 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures
- Dangerous Substance Directive 67/548/EEC, Dangerous Preparations Directive 1999/45/EC
- European agreement concerning international road transport of dangerous products (ADR)
- Regulation (EC) No 648/2004 of the European Parliament and of the Council from 31.03.2004 on detergents
Federal, State and Local regulations.

15.2. Chemical safety assessment

Chemical safety assessment was not made for the product

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SECTION 16. OTHER INFORMATION

Explanation of symbols and phrases referring hazardous substance contained in product:

Skin Irrit. 2 – Skin corrosion/irritation Hazard Category 2

Eye Irrit. 2 – Serious eye damage/eye irritation Hazard Category 2

H315 Causes skin irritation

H319 Causes serious eye irritation

Xi – Irritant

R 36/38 – Irritating to eye and skin

Explanation of abbreviations and acronyms used in the MSDS:

CAS – Chemical Abstracts Service

EINECS – Number assigned to a substance in the European Inventory of Existing Commercial Chemical Substances

PBT – persistence, bioaccumulation potential and toxicity

vPvB – very high durability and very bioaccumulative

UN number – identification number of the material (the number of UN, UN number)

ADR – European Agreement concerning the international carriage of dangerous goods by road

MSDS was prepared in accordance with Commission Regulation (EU) No. 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Classification of product was based on the content of hazardous components in accordance with the Dangerous Preparations Directive 1999/45/EC (as amended) and 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

Source of data: this MSDS was prepared based on MSDS of ingredients, data of product, our knowledge and experience according to actual legislation.

IUCLID International Uniform Chemical Information Database

ESIS European Chemical Substances Information System

Recommendation and restriction of use: Use according to label.

Additional safety information available at producer.

Disclaimer: information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. End user is responsible for inappropriate use of information enclosed in MSDS or inappropriate use of product.