

Bauder cleaner PVC (PVC Cleaner)

Second * Possible risks:

Symbol:



Xn Harmful F Highly flammable
Particular dangers for man and environment:
R 11 Highly flammable
R 20/21/22 Harmful by inhalation in <, in contact with skin
R 36 Irritating to eyes
R 66 Repeated exposure may cause skin dryness or cracking

Third * Composition / information on ingredients

Hazardous Ingredients:

CAS: 141-78-6
EC no. Ethyl acetate 205-500-4
Xi, F, R 11-36-66-67 <50%
CAS: 67-64-1
EC no. 200-662-2 acetone
Xi, F, R 11-36-66-67 <50%
CAS No.79-20-9
EC no. 201-185-2 methyl
Xi, F, R 11, -36-66-67 <50%
CAS-No. 64-17-5
EC no. 200-578-6 ethanol
F, R 11 <10%
CAS-No. 67-56-1
EC no. 200-659-6 methanol

F, T, R 11-23-24-25, 39-23-24-25 R <9%

4th * First-aid measures

General notes:

Move out of dangerous area. Contaminated clothing and shoes. Irregular breathing or respiratory arrest provide artificial respiration. Symptoms of poisoning may even occur after several hours;
medical observation for at least 48 hours after the accident.

Eye contact:

Rinse opened eye for several minutes under running water. Seek medical advice

After swallowing:

Nothing to eat or drink enter. Mouth rinse. Do not induce vomiting. Immediately call a doctor

Symptoms and effects:

Irritant to eyes, skin and respiratory system. Headache, dizziness, nausea and unconsciousness

Note to Physician:

Prolonged and frequent exposure may cause skin inflammation (dermatitis). If swallowed, followed by

Vomiting may occur, aspiration into the lungs which can lead to pulmonary edema.

Causes CNS depression. High exposure can cause impaired vision, tremor, rapid and shallow breathing, delirium, and unconsciousness.

5th Fire-fighting measures

Extinguishing Media:

Carbon dioxide, dry chemical, water fog, water spray, alcohol-resistant foam

Extinguishing Media:

Full water jet

Special hazards caused by the substance, its combustion products or resulting gases:

Incomplete combustion creates carbon monoxide. Vapors are heavier than air and spread along

Ground. Inflammation over longer distances. Floats on and ignite again.

Special protective equipment for firefighters:

Stay in dangerous zone without self-contained breathing apparatus. Skin contact by wearing appropriate

Avoid protective clothing and keep a safe distance

Additional information:

Closed containers exposed to fire with water spray. Closed container may rupture if strongly heated. Collect contaminated firefighting water separately, do not empty into drains.

6th * Accidental release measures

Personal precautions:

Personal protective equipment.

Keep spectators away and stay upwind.

Ensure good ventilation.

Keep away from heat and ignition sources.

Avoid contact with eyes and skin.
Gas / fumes / vapor / spray.
Environmental protection measures:
Penetration into drains.
Set when the product contaminates rivers and lakes or drains inform respective authorities.
Avoid intrusion into the ground.
Measures for cleaning / collecting:
Provide adequate ventilation. Soak up with inert material (diatomaceous earth, sawdust, sand).
Contaminated area thoroughly.
Additional information:
Treat recovered material in accordance with Section disposal.

7th Handling and Storage

Information for safe handling:
Keep container tightly closed. Provide sufficient air exchange and exhaust in work rooms.
Vapors are heavier than air and may spread along floors. Emergency eye wash stations in the immediate
Be available nearby. Aerosols.
Precautions against fire and explosion protection:
Flammable liquid. Keep away from heat and ignition sources. Vapors form with air explosive
Mixture. Only explosion-proof equipment.
Use only in a place with explosion-proof equipment.
Do not smoke.
Requirements for storage rooms and vessels
Keep in an area with solvent resistant flooring. Container tightly closed in a dry, cool and well ventilated place. Keep away from heat and sources of ignition No smoking.
Keep only in original container.

Storage:

Materials to be avoided, Oxidising and spontaneously flammable products, flammable materials, organic
Peroxides, oxidizing agents. Keep out of direct sunlight.
Further information about storage conditions:
Keep container tightly closed.
Storage class:
LGK 3A; Flammable Liquids

8th * Exposure controls and personal protective equipment

Components with critical values that require monitoring at the workplace: Technical Rule 90
Identification of the substance CAS-No. Type Value / Unit
Ethyl acetate 141-78-6 MAK 1,500 g / m³, 400 ml / m³ Y, DGF
Acetone 67-64-1 MAK 1,200 mg / m³, 500 ml / m³

Methyl acetate 79-20-9 TLV 200 ppm, 610 mg/m³

Ethanol 64-17-5 MAK 1,000 ppm, 1,900 mg/m³

Methanol 67-56-1 TLV 200 ppm, 270 mg/m³

Personal protective equipment:

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment.

Respirator with filter. Filter type A

Protection of hands:

Wear suitable gloves.

Glove material:

Impermeable and resistant to the product / the preparation.

In full contact: Glove material Viton by KCL

Layer thickness 0.7 mm

Breakthrough time > 480 min

In splash contact glove material Nit4rilkautschuk

Layer thickness 0.4 mm

Breakthrough time > 120 min

Eye protection:

Tightly fitting safety goggles.

Skin protection:

Solvent resistant protective clothing.

Hygiene measures:

Remove contaminated clothing immediately.

Gas / fume / vapor spray.

Avoid contact with skin and eyes.

Keep away from foodstuffs, beverages and pet food

When using do not eat, drink or smoke. Wash hands before breaks and after work.

9th * Physical and chemical properties

Appearance:

Form: Liquid

Color: colorless

Smell: fruity

Security-related data:

Melting point: 100 °C.

Boiling point: 55 - 78 °C

Flash Point: <21 °C

Ignition temperature: 450 °C.

Lower Explosive Limit: 1.0% (V)

Upper explosion limit: 12.0% (V)

Density at 20 °C from 0.85 to 0.93 g / cm³

Danger of explosion: the formation of explosive vapor / air mixtures is possible

The Self-solvent mixture is not explosive.

Oxidizing properties of the solvent mixture is flammable.

10th Stability and reactivity

Conditions to avoid:

No decomposition if used according to specifications. Atmospheric pressure, room

temperature

Materials to avoid:

Strong oxidizing agents (eg, conc. Chromic acid, nitric acid). Exothermic reaction!

Hazardous Decomposition Products:

If used properly: None known

11th Toxicological

Acute oral toxicity:

The product is a multi-fuel mixture with varying composition. There are currently only available toxicological

Data of individual components before, e.g.:

LD50: Component Type Value Species determination method

Acetone mg / kg 5800 Rat oral intake

Ethyl acetate mg / kg rat oral intake 5620

Ethanol mg / kg rat oral intake 7060

Specific symptoms in animal studies:

Primary irritant effect

On the skin: No irritant

In the eyes Irritating to eyes

Sensitization by skin contact possible frequent.

Additional toxicological information:

Effects after repeated or prolonged exposure and/or under (subacute to chronic toxicity): by appointment

Carcinogenic, mutagenic and reproductive toxic effects is not known, however, narcotic

Effect if not properly used.

Handle in accordance with good industrial hygiene and safety practice.

12th Ecological

General notes:

Do not discharge into the environment.

Information on elimination:

The elimination of the compounds are absorbed by aspiration or as metabolites in the urine.

Behaviour in environmental compartments:

The solvent mixture is a water-polluting substances. (Class 1)

Ecotoxicity

Acute toxicity to mammals 1

Acute toxicity to fish 3.6

Acute toxicity to bacteria 2.7

Do not get in the ground water, water course or sewage system.

In waters too toxic for fish and plankton.

Very toxic to aquatic organisms.

13th Disposal

Product:

Waste code according to Waste Catalogue (EWC)

070304 (

Product:

Disposal together with normal waste is not allowed.
Special disposal according to local regulations is required.
Do not empty into drains.
Dispose of according to local and national regulations as a hazardous waste.
Contaminated packaging:
Remains empty.
Empty containers should be taken for local recycling or waste disposal type.
Dispose of as unused product.
Dispose of in accordance with local regulations.

14th Transport information

Land Transport

ADR / RID / E Class: 3 Flammable Liquids
Hazard identification, risk number 33
UN Number: 1993
Packaging group: II
Label: 3
Proper Shipping Name: Flammable liquid nos
Hazardous acetone, ethyl acetate
Classification code F1

Marine

ADR / RID class: 3
UN Number: 1993
EmS F-E S-d
Packaging group: II
Label 3
EMS Number: F-E, S, D
Marine pollutant: No
Proper Shipping Name: Flammable Liquid, nos
Hazardous acetone, ethyl acetate

Air transport

ICAO-TI / IATA Class: 3
UN / ID Number: 1993
Label 3
Packaging group: II
Proper Shipping Name: Flammable Liquid, nos
Hazardous acetone, ethyl acetate

15th Legislation

Labelling according to EC guidelines:
Directive 67/548/EEC on the labeling of substances
Symbol: F Highly flammable
Xn Harmful
Risk Phrases: R 11 Highly flammable
R 20/21/22 Harmful by inhalation, ingestion and

Contact with skin

R 36 Irritating to eyes

R 66 Repeated exposure may cause skin dryness or cracking.

Safety phrases: S 2 Keep out of reach of children

S 9 Keep container in a well ventilated place.

S 13 Keep away from foodstuffs, beverages and feed.

S 16 Keep away from sources of ignition - No smoking.

S 20/21 is not at work, drink, smoke

S 23 Do not breathe vapor

S 26 In case of eye contact, rinse thoroughly with water and soap.

S 33 Take precautionary measures against electrostatic charging.

National regulations:

1 slightly hazardous for water

Solvent VOC Regulation Percentage: 100%

Employment restrictions:

Apprentices may be employed herewith only when necessary to achieve the training objective,

the air below the threshold and the supervision of a thorough knowledge of medical or

safety support is guaranteed.

Expectant and nursing mothers should only be employed herewith, when the exposure limit is exceeded.

16th Other Information

GISCODE: M-VM04

Is R-phrases in section 2 and 3 taken

R 11 Highly flammable

R 20/21/22 Harmful by inhalation, ingestion and in contact with skin

R 23/24/25 Toxic by inhalation, ingestion and in contact with skin

R 36 Irritating to eyes

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.

Abbreviations used: n.a. = Not applicable n.b. = Not known

For more information:

The information in this SDS is based on the state of our knowledge at the time of revision and serve to describe our products regarding safety precautions to be taken. They do not represent a guarantee of the properties of the product and any product information or product specification and do not establish a legally valid contractual relationship. The safety data are not transferable to other products. As a guidance in this product with other materials, mixed and processed, or processed shall be treated can not be transferred to the new material. This MSDS contains only safety related information and does not replace any information or product specifications.

However, it is not to be considered and completeness.

The user must satisfy themselves that all statements are appropriate and complete for its particular use.