SAFETY DATA SHEET

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

1.1. Product identifier

Trade name
Plastic & Rubber Gloss
Product no.
-
REACH registration number
Not applicable

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

Relevant identified uses of the substance or mixture
Cleaning liquid
Uses advised against
-
The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address
Blue & Green AB
Stenorsvägen 52
261 44 Landskrona
Sweden
Tfn: +46 418 399000
Fax: +46 418 13199
www.blueandgreen.se
E-mail
info@blueandgreen.se
SDS date
2020-11-17
SDS Version
1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

2.2. Label elements

Hazard pictogram(s)
Not applicable
Signal word
-
Hazard statement(s)
Not applicable
Precautionary statements

General	-
Prevention	-
Response	-
Storage	-
Disposal	-

Identity of the substances primarily responsible for the major health hazards
Not applicable
Additional labelling

Safety data sheet available on request. (EUH210)

Unique formula identifier (UFI)

JJ0J-0545-Y200-WRDE

2.3. Other hazards

Not applicable

Additional warnings

Not applicable

VOC (volatile organic compound)

Not applicable

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	propane-1,2-diol
IDENTIFICATION NOS.:	CAS-no: 57-55-6 EC-no: 200-338-0 REACH-no: 01-2119456809-23
CONTENT:	25-40%
CLP CLASSIFICATION:	NA

NAME:	glycerol
IDENTIFICATION NOS.:	CAS-no: 56-81-5 EC-no: 200-289-5 REACH-no: 01-2119471987-18
CONTENT:	15 - <25%
CLP CLASSIFICATION:	NA

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

ATEmix(oral) > 2000

Detergent:
5 - 15%: PEG-150
< 5%: NON-IONIC SURFACTANTS

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water.

Eye contact

Flush eyes with plenty of water (20-30°C) and continue until irritation stops.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

Nothing special

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

Nothing special

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

6.4. Reference to other sections

See section on “Disposal considerations” in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container.

Storage temperature

Room temperature 18 to 23°C

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

glycerol
Long-term exposure limit (8-hour TWA reference period): - ppm | 10 mg/m³
Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

propane-1,2-diol
Long-term exposure limit (8-hour TWA reference period): - ppm | - mg/m³
Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

DNEL / PNEC

DNEL (propane-1,2-diol): 168 mg/m3
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - Workers

DNEL (propane-1,2-diol): 10 mg/m3
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - Workers

DNEL (propane-1,2-diol): 50 mg/m3
Exposure: Inhalation
Duration of Exposure: Long term – Systemic effects - General population

DNEL (propane-1,2-diol): 10 mg/m3
Exposure: Inhalation
Duration of Exposure: Long term – Local effects - General population

PNEC (propane-1,2-diol): 260 mg/l
Exposure: Freshwater

PNEC (propane-1,2-diol): 26 mg/l

Exposure: Marine water

PNEC (propane-1,2-diol): 20000 mg/kg
Exposure: Sewage Treatment Plant

PNEC (propane-1,2-diol): 572 mg/kg
Exposure: Freshwater sediment

PNEC (propane-1,2-diol): 57.2 mg/kg
Exposure: Marine water sediment

PNEC (propane-1,2-diol): 50 mg/kg
Exposure: Soil

PNEC (propane-1,2-diol): 183 mg/l
Exposure: Intermittent release

8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, eating and drinking are not allowed in the work premises

Exposure scenarios

There is no appendix to this safety data sheet.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

No specific requirements.

Hand protection

Nitrile rubber
Breakthrough time: > 480 minutes (Class 6)

Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Colourless
Odour	None
Odour threshold (ppm)	No data available.
pH	7
Viscosity (40°C)	No data available.
Density (g/cm³)	No data available.

Phase changes

Melting point (°C)	No data available.

Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
Data on fire and explosion hazards	
Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.
Solubility	
Solubility in water	Soluble
n-octanol/water coefficient	No data available.
9.2. Other information	
Solubility in fat (g/L)	No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
The product is stable under the conditions, noted in the section “Handling and storage”.

10.3. Possibility of hazardous reactions
Nothing special

10.4. Conditions to avoid
Nothing special

10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance: glycerol
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: >10000mg/kg

Substance: glycerol
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 12600mg/kg

Substance: propane-1,2-diol
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: >2000 mg/kg

Substance: propane-1,2-diol
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 22000 mg/kg

Substance: propane-1,2-diol
Species: Rat
Test: LC50
Route of exposure: Inhalation
Result: 41 mg/l

Skin corrosion/irritation

No data available.

Serious eye damage/irritation
No data available.
Respiratory or skin sensitisation
No data available.
Germ cell mutagenicity
No data available.
Carcinogenicity
No data available.
Reproductive toxicity
No data available.
STOT-single exposure
No data available.
STOT-repeated exposure
No data available.
Aspiration hazard
No data available.
Long term effects
Nothing special

SECTION 12: Ecological information

12.1. Toxicity

Substance: glycerol
Species: Daphnia
Test: EC50
Duration: 48h
Result: >10000mg/l

Substance: glycerol
Species: Fish
Test: LC50
Duration: 96h
Result: 54000mg/l

Substance: glycerol
Species: Algae
Test: IC50
Duration: 72h
Result: >2900mg/l

Substance: propane-1,2-diol
Species: Daphnia
Test: EC50
Duration: 48h
Result: >4000 mg/l

Substance: propane-1,2-diol
Species: Fish
Test: LC50
Duration: 96h
Result: 40613 mg/l

Substance: propane-1,2-diol
Species: Algae
Test: EC50
Duration: 96h
Result: 19000 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
glycerol	Yes	No data available	No data available
propane-1,2-diol	Yes	Manometric Respirometry Test	81%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
glycerol	No	-1.76	No data available
propane-1,2-diol	No	-1.07	No data available

12.4. Mobility in soil

glycerol: Log Koc= -1.315344, Calculated from LogPow ().
propane-1,2-diol: Log Koc= -0.768933, Calculated from LogPow ().

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects
Nothing special

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product is not covered by regulations on dangerous waste.

Waste

EWC code

-

Specific labelling

Not applicable

Contaminated packing

No specific requirements.

SECTION 14: Transport information

14.1 – 14.4
Not dangerous goods according to ADR, IATA and IMDG.

ADR/RID

14.1. UN number	-
14.2. UN proper shipping name	-
14.3. Transport hazard class(es)	-
14.4. Packing group	-
Notes	-
Tunnel restriction code	-

IMDG

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
EmS	-
MP**	-
Hazardous constituent	-

IATA/ICAO

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-

14.5. Environmental hazards
-

14.6. Special precautions for user
-

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
No data available

(*) Packing group
(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

-

Demands for specific education

-

Additional information

Not applicable

Seveso

-

Biocidal reg. no.

Not applicable

Sources

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office,

2002.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
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 (CLP).
Regulation (EC) 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

-

The full text of identified uses as mentioned in section 1

-

Additional label elements

Not applicable

Other

In accordance with Article 31 of REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis in order to distribute relevant information as required under Article 32 of REACH.It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

David Löwenstein

Date of last essential change (First cipher in SDS version)

-

Date of last minor change (Last cipher in SDS version)

-