

SAFETY DATA SHEET

PRETTY BOY

Revision Date: 8/8/2024

According to the Reach Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Identity	Pretty Boy
Alternate Names	Pretty Boy
Unique Formula Identifier	

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

Intended Uses and Uses Advised Against	See Technical Data Sheet.
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1.3. Details of the supplier of the safety data sheet

Company Name	Products by BMC, LLC 100 Merrick Road, Suite# 500 Rockville Ctr, NY 11570
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1.4. Emergency telephone number	+44(0)20 8204 1422
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SECTION 2. HAZARD IDENTIFICATION OF THE PRODUCT

2.1. Classification of the substance or mixture

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

Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Hazardous in the aquatic environment – Chronic Hazard, Category 3	H412

Full text of H- and EUH-statements: see section 16

2.2. Label elements

According to REGULATION (EC) No. 1272/2008 (CLP)

Hazard pictograms (CLP)



GHS05 GHS07

Signal word (CLP)	Danger
Contains	OLEFIN SULFONATE, SODIUM SALT; TRIETHANOLAMINE LINEAR ALKYL BENZENE SULFONATE
Hazard statements (CLP)	H302 – Harmful if swallowed. H315 – Causes skin irritation. H318 – Causes serious eye damage. H412 – Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	P264 - Wash thoroughly after handling. P270 – Do not eat, drink, or smoke when using product. P273 - Avoid release to the environment. P273 - Avoid release to the environment. P280 - Wear protective gloves, eye protection, and face protection. P301+P312 – If SWALLOWED: Call a Poison Center or doctor if you feel unwell. P302+352 - If ON SKIN: Wash with plenty of soap and 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. P310 – Immediately call a Poison Center or doctor P321 – Specific treatment (see supplemental first aid instruction on this label) P330 – Rinse mouth P332+P313 – If skin irritation occurs: Get medical advice/attention. P362+P364 – Take off contaminated clothing and wash it before reuse. P501 Dispose of contents or container in accordance with local and national regulations.

2.3. Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

If the product contains substances that present a hazard according to Regulation (EC) No. 1272/2008 [CLP/GHS], they are listed below.

Ingredient/Chemical Designations	Weight %	EC No. 1272/2008 Classification
Olefin Sulfonate, Sodium Salt CAS Number: 68439-57-6 EC-No.: 931-534-0	10 - 15	Skin corrosion/irritation, category 2;H315 Serious eye damage / eye irritation, category 1;H318
Triethanolamine Linear Alkyl Benzene Sulfonate CAS Number: 68584-25-8	1 - 4	Acute toxicity(oral), category 4;H302 Skin corrosion/irritation, category 1;H314 Serious eye damage / eye irritation, category 1;H318 Aquatic Chronic, category 2:H411

The full texts of the phrases are shown in Section 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eye Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

Overview No specific symptom data available.
Treat symptomatically. See section 2 for further details.

Inhalation

Eye Causes serious eye irritation.

Skin Causes skin irritation.

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

Notes to Physician Treat symptomatically. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).
Wash thoroughly after handling.

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
Avoid release to the environment. Dispose of contents or container in accordance with local and national regulations.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.
Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

6.4 Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.
Wear protective gloves, eye protection, and face protection.

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information

7.3. Specific end use(s)

No available information

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

		Exposure	
CAS No.	Ingredient	Source	Value
68439-57-	Olefin Sulfonate, Sodium Salt	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
68584-25-8	Triethanolamine Linear Alkyl Benzene Sulfonate	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit

8.2. Exposure controls

Respiratory If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.

Skin Avoid skin contact. Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/ specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Color	Pale Yellow
Odor	No available information
Melting point / freezing point	No available information
Initial boiling point and boiling range	No available information
Flammability (solid, gas)	No available information
Upper/lower flammability or explosive limits	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
Flash Point	201.2 °F
Auto-ignition temperature	No available information
Decomposition temperature	No available information
pH	6.5-7.5
Viscosity (cSt)	No available information
Solubility in Water	No available information
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapor pressure (Pa)	No available information
Relative Density	No available information
Vapor Density	No available information
Evaporation rate (Ether = 1)	No available information
Oxidising properties	No available information
Explosive properties	No available information

9.2. Other information

No other relevant information.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No available information

10.4. Conditions to avoid

Avoid high temperatures and contact with incompatible material

10.5. Incompatible materials

No available information

10.6. Hazardous decomposition products

No hazardous decomposition data available.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50 mg/kg	Inhalation Vapour LC50 mg/L/4hr	Inhalation Dust/Mist LC50 mg/L/4hr	Inhalation Gas LC50, ppm
Olefin Sulfonate, Sodium Salt	No data available.	No data available.	No data available.	No data available.	No data available.
Triethanolamine Linear	No data available.	No data available.	No data available.	No data available.	No data available.
Alkyl Benzene Sulfonate					

Classification

Acute toxicity (oral)

Hazard Description

Acute toxicity (dermal)

Acute toxicity (inhalation)

Skin corrosion/irritation

2

Causes skin irritation.

Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	---
Skin sensitization	---	---
Germ cell mutagenicity	---	---
Carcinogenicity	---	---
Reproductive toxicity	---	---
STOT-single exposure	---	---
STOT-repeated exposure	---	---
Aspiration hazard	---	---

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea mg/L	ErC50 algae, mg/L	3hr IC50 Bacteria mg/L	Biodegradability %
Olefin Sulfonate, Sodium Salt	No data available.	No data available.	No data available.	---	---
Triethanolamine Linear Alkyl Benzene Sulfonate	No data available.	No data available.	No data available.	---	---

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

No available information

12.4. Mobility in soil

No available information

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6 Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

12.7. Other adverse effects

No available information

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

SECTION 14. TRANSPORT INFORMATION

	ADR/RID	IMO / IMDG (OceanTransportation)	ICAO/IATA
14.1. UN number	Not Regulated	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable Sub Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air class: Not Applicable Sub Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
Marine Pollutant:	No;		
14.6. Special precautions for user			
	No available information		
14.7. Transport in bulk according to Annex II of MARPOL73/78 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 (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). REGULATION (EC) 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP).

National Legislation

None noted.

SVHC Ingredient: Not Applicable

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

SECTION 16. OTHER INFORMATION

Revision Date

8/8/2024

ACGIH - American Conference of Governmental Industrial Hygienists

ADR - International Carriage of Dangerous Goods by Road (Accord Dangereux Routier)

CAS - Chemical Abstract Service

CLP - Classification Labeling and Packaging
 DOT - Department of Transportation
 EC50 - European Commission
 EC50 - Half maximal effective concentration
 ErC50 - The concentration of test substance which results in a 50 percent reduction in growth rate (ErC50) relative to the control within 72hrs exposure.
 GHS - Globally Harmonized System
 IARC - International Agency for Research on Cancer
 IATA - International Civil Aviation Organization
 IC50 - The amount of a substance suspended in the air required to kills 50% of a test animals during a predetermined observation period.
 ICAO - International Civil Aviation Organization
 IMDG - International Maritime Dangerous Goods
 IMO - International Maritime Organization
 LC50 - Is the Lethal Concentration of a substance at which 50% of test animals die.
 LD50 - Is the Lethal Dose at which 50% of the animals will be expected to die.
 NIOSH - National Institute for Occupational Safety and Health
 NTP - National Toxicology Program
 OSHA - Occupational Safety and Health Administration
 PBT - Persistent, Bioaccumulative and Toxic Chemicals
 PEL - Permissible Exposure Limit
 REACH - Registration, Evaluation, Authorization and Restriction of Chemicals
 RID - Regulations concerning the international carriage of dangerous goods by rail)
 STEL - Short Term Exposure Limit
 TWA - Time Weighted Average
 vPvB - Very Persistent and very Bio-accumulative
 WGK - Water Hazard Class

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification

Skin corrosion/irritation category 2;H315
 Serious eye damage / eye irritation, category 2;H318

Justification

Calculation method
 Calculation method

PRODUCTS BY BMC, LLC. HAS PROVIDED THE INFORMATION IN THIS SDS IN GOOD FAITH, BUT WE MAKE NO REPRESENTATION TO ITS COMPREHENSIVENESS AND/OR ACCURACY. IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY, AND SUITABILITY FOR HIS OR HER OWN USE OF THE PRODUCT DESCRIBED. SINCE THE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, IS MADE BY PRODUCTS BY BMC, LLC. AND PRODUCTS BY BMC, LLC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM THE USE OR RELIANCE UPON THIS INFORMATION. THE USER ASSUMES ALL RISK AND RESPONSIB