

**Cleaner & Degreaser**

ACCORDING TO US CFR 1910.1200

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name Cleaner & Degreaser

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

Identified Use(s) Cleaning agent

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification The Gorilla Glue Company

Address 2101 East Kemper Road

Cincinnati, Ohio

Zip code 45241

Telephone 513-271-3300

E-mail Info@gorillaglu.com

Supplier

Company Identification The Gorilla Glue Company

Address 2101 East Kemper Road

Cincinnati, Ohio

Zip code 45241

Telephone 513-271-3300

E-mail Info@gorillaglu.com

1.4 Emergency telephone number

Emergency Phone No. 1-800-420-7186

Contact Prosar

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

US CFR 1910.1200 Eye Irrit. 2A :Causes serious eye irritation.

STOT RE 2 :May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

According to US CFR 1910.1200

Product Name Cleaner & Degreaser

Hazard Pictogram(s)



GHS08



GHS07

Signal Word(s) Warning

Hazard Statement(s) H319: Causes serious eye irritation.

H373: May cause damage to organs through prolonged or repeated exposure.



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Precautionary Statement(s)

P101: If medical advice is needed, have product container or label at hand.
 P102: Keep out of reach of children.
 P260: Do not breathe vapor.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

Contains: 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Contains: 80-90% Water (CAS No.: 7732-18-5) - Not classified.

HAZARDOUS INGREDIENT(S)	CAS No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Sodium carbonate	497-19-8	1-5	Eye Irrit. 2A H319	GHS07
3-butoxypropan-2-ol	5131-66-8	1-5	Flam. Liq. 4 H227 Skin Irrit. 2 H315 Eye Irrit. 2A H319	GHS07
Sodium xylenesulphonate	1300-72-7	1-2	Eye Irrit. 2A H319	GHS07
Alcohols, C9-11, ethoxylated	68439-46-3	1-2	Acute Tox. 4 H302 Eye Dam. 1 H318	GHS05 GHS07
Amides, coco, N-[3-(dimethylamino)propyl], N-oxides	68155-09-9	1-2	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT RE 2 H373	GHS05 GHS08 GHS07
Citrus aurantium dulcis oil	8008-57-9	<0.05	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317	GHS02 GHS08 GHS07
Orange, sweet, ext.	8028-48-6	<0.05	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317	GHS02 GHS08 GHS07
Citral	5392-40-5	<0.03	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2A H319	GHS07

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1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.02	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330	GHS06 GHS05 GHS07
Chromium	7440-47-3	<0.002	Not classified	None

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin Contact	Wash skin with soap and water. If symptoms persist, obtain medical attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Wash out mouth with water. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES**5.1 Extinguishing Media**

Suitable extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

5.2 Special hazards arising from the substance or mixture

None anticipated. May decompose in a fire giving off toxic fumes.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Do not breathe vapor. Wear appropriate personal protective equipment, avoid direct contact. Wash hands and exposed skin after use.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.



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6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

General hygiene measures for the handling of chemicals are applicable. Do not breathe vapor. Avoid contact with skin and eyes. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke at the work place. If medical advice is needed, have product container or label at hand. Keep out of reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.
 Storage life Stable under normal conditions.
 Incompatible materials None known.

7.3 Specific end use(s)

Cleaning agent

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Chromium metal, as Cr	7440-47-3		0.5			ACGIH TLV, I
Chromium metal	7440-47-3		0.5			NIOSH REL Z-1
Chromium metal	7440-47-3		1			OSHA PEL Z-1
Vegetable oil mist (Total dust)	8008-57-9 / 8028-48-6		10			NIOSH REL Z-1
Vegetable oil mist (Respirable fraction)	8008-57-9 / 8028-48-6		5			NIOSH REL Z-1
Vegetable oil mist (Total dust)	8008-57-9 / 8028-48-6		15			OSHA PEL Z-1
Vegetable oil mist (Respirable fraction)	8008-57-9 / 8028-48-6		5			OSHA PEL Z-1
Citral	5392-40-5	5	32			ACGIH TLV, IFV, Skin, DSEN, A4

Remark	Notes
ACGIH TLV	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®), 2024
I	Measured as Inhalable fraction of the aerosol
NIOSH REL Z-1	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-1: Up to 10-hour time weighted average (TWA) during a 40-hour work week, 2022
OSHA PEL Z-1	Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) from 29 CFR 1910.1000 Z-1 Table, 2022
IFV	Measured as Inhalable fraction and vapor
Skin	Danger of cutaneous absorption



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DSEN May cause dermal sensitization
 A4 Not Classifiable as a Human Carcinogen

BEI: Biological Exposure Indices (ACGIH)						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Chromium	7440-47-3	End of shift at end of workweek	urine	Total chromium	0.7 µg/L	Pop

Remark Notes
 Pop Population based: assigned when there are insufficient data to establish a numerical BEI® but where there are sufficient data on background levels in the general population.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection Wear protective eye glasses for protection against liquid splashes.



Skin protection Wear protective clothing and gloves: Impervious gloves.
 Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection Wear suitable respiratory protective equipment if exposure to high levels of material are likely.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state Liquid.
 Color Yellowish.
 Odor Odorless.
 Melting Point/Freezing Point 1563.8°F /851°C (Sodium carbonate)
 Boiling point or initial boiling point and boiling range Not available.
 Flammability Non-flammable.
 Lower and upper explosion limit Not available.
 Flash Point Not available.



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Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
pH	Not available.
Kinematic Viscosity	Not available.
Solubility	Solubility (Water) : Miscible. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	-6.19 (sodium carbonate)
Vapor pressure	Not available.
Density and/or relative density	Relative density : 2.52-2.53 @ 68°F /°C (Sodium carbonate)
Relative vapor density	Not available.
Particle characteristics	Not applicable.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE): 21119.74
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE): 1473.68
Skin corrosion/irritation	Self classification: Not classified.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation. >1% Amides, coco, N-[3-(dimethylamino)propyl], N-oxides : Irreversible effects on the eyes.
Skin sensitization data	Calculation method : Not classified. It is not a skin sensitizer. Contains: 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.



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Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified. There is no evidence of mutagenic potential.
Carcinogenicity	Calculation method : Not classified. No evidence of carcinogenicity.
Reproductive toxicity	Calculation method : Not classified. No evidence of reproductive effects.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : May cause damage to organs through prolonged or repeated exposure. >1% Amides, coco, N-[3-(dimethylamino)propyl], N-oxides : NOAEL (rat) (oral) : 15 mg/kg (Liver, Spleen, Kidneys, Bladder, Stomach)
Aspiration hazard	Calculation method : Not classified.
11.2 Other information	Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

No information on this formulation.

12.3 Bioaccumulative potential

No information on this formulation.

12.4 Mobility in soil

Miscible with water. The product is predicted to have high mobility in soil.

12.5 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of this material and its container as hazardous waste. Dispose of empty containers and wastes safely.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

**Cleaner & Degreaser****SECTION 14: TRANSPORT INFORMATION**

Not classified as hazardous for transport.

- 14.1 UN number** Not applicable
- 14.2 UN proper shipping name** Not applicable
- 14.3 Transport hazard class(es)** Not applicable
- 14.4 Packing group** Not applicable
- 14.5 Environmental hazards** Not classified as a Marine Pollutant.
- 14.6 Special precautions for user** Not known
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not known

SECTION 15: REGULATORY INFORMATION**15.1 US Federal Regulations**

- Toxic and hazardous substances (29 CFR 1910; Subpart Z) Listed : 8008-57-9, 8028-48-6
- National emission standards for hazardous air pollutants (40 CFR 61.01) Listed : 7440-47-3
- SARA Title III Section 313 Listed : 5131-66-8, 7440-47-3
- TSCA (Toxic Substance Control Act) Listed : 7732-18-5 (Active), 497-19-8 (Active), 1300-72-7 (Active), 68155-09-9 (Active), 68439-46-3 (Active), 5131-66-8 (Active), 2634-33-5 (Active), 7440-47-3 (Active), 8008-57-9 (Active), 5392-40-5 (Active)
- CAA 602 - Ozone Depleting Substances (ODS) Not listed

15.2 US State Regulations

- State Right to Know Lists
- Proposition 65 (California) Not listed
- Massachusetts Listed : 7440-47-3
- Minnesota Listed : 7440-47-3
- New Jersey Listed : 7440-47-3
- Pennsylvania Listed : 5131-66-8, 8008-57-9, 8028-48-6
- Rhode Island Listed : 7440-47-3, 8008-57-9, 8028-48-6

15.3 Other

- OSPAR List of Chemicals for Priority Action Not listed
- OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives) Not listed



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NTP (National Toxicology Program) Not listed

IARC (International Agency for Research on Cancer) Listed : 7440-47-3 (Group 3 : Not classifiable as to its carcinogenicity to humans.)

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

Hazard Pictogram(s)



GHS08

GHS02: GHS: Flame
GHS05: GHS: Corrosion
GHS06: GHS: Skull and crossbones



GHS07

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3
Flam. Liq. 4 : Flammable liquid, Category 4
Acute Tox. 4 : Acute toxicity, Category 4
Asp. Tox. 1 : Aspiration hazard, Category 1
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1 : Skin sensitization, Category 1
Skin Sens. 1A : Skin sensitization, Category 1A
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Eye Irrit. 2A : Serious eye damage/irritation, Category 2A
Acute Tox. 2 : Acute toxicity, Category 2
STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2

Hazard Statement(s)

H226: Flammable liquid and vapor.
H227: Combustible liquid
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H330: Fatal if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure.



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Precautionary Statement(s)

P260: Do not breathe vapor.
P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314: Get medical advice/attention if you feel unwell.
P337+P313: If eye irritation persists: Get medical advice/attention.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
LTEL : Long term exposure limit
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity

Key literature references and sources for US CFR 1910.1200 data used to compile the SDS

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose.

The Gorilla Glue Company gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law.

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