



Iron Buster

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard
Issue date: 5/26/2024 Revision date: 5/26/2024 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : Iron Buster
Product code : N280P, N2801, N2805

1.2. Recommended use and restrictions on use

Recommended use : Automotive Care Products, Wheel Cleaner
Restrictions on use : None known

1.3. Supplier

P&S Sales, Inc.
20943 Cabot Blvd.
Hayward, CA 94545
T 510-732-2628
dave@pssales.com

1.4. Emergency telephone number

Emergency number : 1-800-255-3924

SECTION 2: Hazard(s) identification



2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (oral) Category 4	Harmful if swallowed
Serious eye damage Category 1	Causes serious eye damage
Skin sensitization, Category 1	May cause an allergic skin reaction

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :  

Signal word (GHS US) : Danger

Hazard statements (GHS US) : Harmful if swallowed
May cause an allergic skin reaction
Causes serious eye damage

Precautionary statements (GHS US) : Avoid breathing mist, spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the workplace.
Wear eye protection, protective gloves.
If swallowed: Call a POISON CENTER, a doctor if you feel unwell.
Rinse mouth.
If on skin: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

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and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
Dispose of contents/container to an approved waste disposal plant.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : None known.

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Sodium mercaptoacetate	CAS-No.: 367-51-1	5 – 10
Alcohols, C6-12, ethoxylated	CAS-No.: 68439-45-2	1 – 5
Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts	CAS-No.: 119345-04-9	1 – 5

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation : Move the affected person to fresh air. Get medical attention if symptoms occur.
First-aid measures after skin contact : Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
Gently wash with plenty of soap and water.
First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion : Rinse mouth. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Inhalation : May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin : May cause an allergic skin reaction. May cause slight irritation to the skin.
Eyes : Causes serious eye damage. Permanent eye damage is possible.
Ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms : None known.

4.3. Immediate medical attention and special treatment, if necessary

Immediate medical attention is required for eye contact.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media : None.

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5.2. Specific hazards arising from the chemical

- Fire hazard : This product is not classified as flammable or combustible.
- Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO₂). Sulfur oxides (SO_x).

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Wear suitable protective clothing. Avoid contact with eyes, skin and clothing.

6.1.1. For non-emergency personnel

- Emergency procedures : Avoid contact with skin and eyes. Avoid breathing mist, spray. Keep unnecessary and unprotected personnel away from the spillage.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Do not get in eyes. Avoid breathing spray, mist. Wear personal protective equipment. Wash contaminated clothing before reuse. Wash hands with water and soap. Ensure adequate ventilation. Avoid contact with skin.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : No special storage required.
- Incompatible materials : None known.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear impervious gloves. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection:

Chemical goggles

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear.
Color	: yellowish
Odor	: Cherry
Odor threshold	: No data available
pH	: 5.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 1.05
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: None.
Oxidizing properties	: None.

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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Iron Buster	
ATE US (oral)	526.316 mg/kg body weight
Sodium mercaptoacetate (367-51-1)	
LD50 oral rat	50 – 200 mg/kg (OECD 423 method)
LD50 dermal rat	1000 – 2000 mg/kg
Alcohols, C6-12, ethoxylated (68439-45-2)	
ATE US (oral)	500 mg/kg body weight
Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts (119345-04-9)	
LD50 oral rat	> 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: other:
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: other:

Skin corrosion/irritation : Not classified
pH: 5.5
Serious eye damage/irritation : Causes serious eye damage.
pH: 5.5

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Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Sodium mercaptoacetate (367-51-1)

LOAEL (oral,rat,90 days)	60 mg/kg body weight (OECD 408 method)
LOAEL (dermal,rat/rabbit,90 days)	11.25 mg/kg body weight (OECD 411 method)
NOAEL (oral,rat,90 days)	20 mg/kg body weight (OECD 408 method)
NOAEL (dermal,rat/rabbit,90 days)	≥ 180 mg/kg body weight (OECD 411 method)

Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts (119345-04-9)

NOAEL (oral,rat,90 days)	25 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other:
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Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Inhalation	: May cause minor irritation to the respiratory tract and to other mucous membranes.
Skin	: May cause an allergic skin reaction. May cause slight irritation to the skin.
Eyes	: Causes serious eye damage. Permanent eye damage is possible.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: None known.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.
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Sodium mercaptoacetate (367-51-1)

LC50 - Fish [1]	> 100 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	47.31 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	5.07 mg/l Pseudokirchneriella subcapitata
NOEC (chronic)	3.9 mg/l Test organisms (species): Duration: '21 d'

Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts (119345-04-9)

LC50 - Fish [1]	6.2 mg/l rainbow trout
EC50 - Crustacea [1]	1.64 mg/l daphnia magna
NOEC (chronic)	0.65 mg/l C. dubia
NOEC chronic algae	100 mg/l

12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
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Sodium mercaptoacetate (367-51-1)	
Persistence and degradability	Readily biodegradable..
Biodegradation	> 60 % 28 days

Alcohols, C6-12, ethoxylated (68439-45-2)	
Persistence and degradability	Rapidly degradable

Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts (119345-04-9)	
Persistence and degradability	Inherently biodegradable.

12.3. Bioaccumulative potential

Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts (119345-04-9)	
Partition coefficient n-octanol/water (Log Pow)	-2.68

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.
Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated	Not regulated	Not regulated
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

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14.6. Special precautions for user

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

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SARA Section 311/312 Hazard Classes

Refer to Section 2 for OSHA Hazard Classification.

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Sodium mercaptoacetate (367-51-1)

Listed on the Canadian DSL (Domestic Substances List)

Alcohols, C6-12, ethoxylated (68439-45-2)

Listed on the Canadian DSL (Domestic Substances List)

Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts (119345-04-9)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Alcohols, C6-12, ethoxylated (68439-45-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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15.3. US State regulations

WARNING:

This product can expose you to Ethylene oxide (Oxirane), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

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Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.