

Red Fury Degreaser Powder

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 10/1/2025 Revision date: 10/1/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Red Fury Degreaser Powder
Product code : 9D401G55-PWD

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Degreaser
Restrictions on use : Restricted to professional users

1.4. Supplier's details

Manufacturer

Petra Automotive Products, Inc.
11085 Regency Green Dr.
Cypress, TX 77429
USA
T (713) 856-5700
www.petraautoproducts.com

1.5. Emergency phone number

Emergency number : (Chemical Spills, Leaks, Fire, Exposure or Accident only): CHEMTREC 1-800-424-9300 (in the US), 1-703-527-3887 (Outside the US)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Corrosive to metals, Category 1	H290	May be corrosive to metals.
Skin corrosion/irritation, Category 1B	H314	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Specific target organ toxicity – Single exposure, Category 3,	H335	May cause respiratory irritation.

Respiratory tract irritation

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H290 - May be corrosive to metals

H314 - Causes severe skin burns and eye damage

H335 - May cause respiratory irritation

Precautionary statements (GHS US)

: P234 - Keep only in original packaging.

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P260 - Do not breathe dust.
P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, eye and face protection.
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.
P310 - Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 - Wash contaminated clothing before reuse.
P310 - Immediately call a POISON CENTER or doctor/physician.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P310 - Immediately call a POISON CENTER or doctor/physician.
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/physician.
P390 - Absorb spillage to prevent material-damage.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

None known

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : Reacts vigorously with strong oxidizers and acids.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
sodium carbonate	CAS-No.: 497-19-8	20 – 60
Disodium metasilicate	CAS-No.: 6834-92-0	10-35
2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve	CAS-No.: 111-76-2	5 – 25

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general

: Call a physician immediately.

First-aid measures after inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician immediately.

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First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Immediately flush skin with plenty of water for at least 15 minutes. Get immediate medical advice/attention. Wash contaminated clothing before reuse.
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. Do NOT induce vomiting. Call a physician immediately.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: Causes eye and skin burns. Severe corrosion to the respiratory tract at high concentrations. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
Inhalation	: Inhalation may cause irritation (cough, short breathing, difficulty in breathing). At high concentrations: Corrosive to the respiratory tract.
Skin	: Causes severe burns.
Eyes	: Causes serious eye damage. Can cause blindness.
Ingestion	: Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
Chronic symptoms	: None known.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Get immediate medical attention.
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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.

5.2. Specific hazards arising from the chemical

Fire hazard	: This product is not classified as flammable or combustible.
Reactivity in case of fire	: Corrosive substances.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Corrosive vapors.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Prevent runoff from entering water courses, sewers and basements.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Use self-contained breathing apparatus and chemically protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Ventilate spillage area. Avoid dust formation. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Do not touch or walk on the spilled product. Wear suitable protective clothing. Evacuate area. Keep unprotected persons away.
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For non-emergency personnel

Emergency procedures	: Avoid creating or spreading dust. Ventilate spillage area. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wear suitable protective clothing. Stop leak if safe to do so. Only qualified personnel equipped with suitable protective equipment may intervene. Keep unnecessary and unprotected personnel away from the spillage.
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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".
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Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment	: Contain and collect as any solid. Do not touch or walk on the spilled product. Stop leak if safe to do so.
Methods for cleaning up	: Avoid generation and spreading of dust. Carefully shovel or sweep up spilled material and place in suitable container. Neutralize spill carefully with any diluted inorganic acid and flush remainder with plenty of water. Notify authorities if product enters sewers or public waters.
Other information	: May be corrosive to metals. Reacts with : Strong acids.

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13 : "Disposal considerations".

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure adequate ventilation. Avoid any direct contact with the product. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment. Take any precaution to avoid mixing with Acids, Strong oxidizers. NEVER pour water into this substance; when dissolving or diluting always add it slowly to the water. Refer to product label for additional information on use and handling. Handle in accordance with good industrial hygiene and safety procedures. Keep only in original container. Keep container closed when not in use. Empty containers retain product residue and can be hazardous.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions	: Store locked up. Store in dry, cool, well-ventilated area. Store in original container or corrosive resistant and/or lined container. Avoid : Incompatible materials.
Incompatible materials	: Strong acids. Strong oxidizers. Metals.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)

USA - ACGIH - Occupational Exposure Limits

Local name	2-Butoxyethanol (EGBE)
ACGIH® TLV® TWA	97 mg/m ³
	20 ppm
Remark (ACGIH®)	TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI

Regulatory reference

ACGIH 2025

USA - ACGIH - Biological Exposure Indices

Local name	2-Butoxyethanol (EGBE)
BEI (BLV)	200 mg/g Kreatinin Parameter: Butoxyacetic acid (BAA) - Medium: urine - Sampling time: End of shift

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2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)

Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	2-Butoxyethanol
OSHA PEL (TWA)	240 mg/m ³ 50 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure adequate ventilation. Emergency eye wash fountain with clean water.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Materials for protective clothing:

Impervious clothing

Hand protection:

Chemically resistant protective gloves. Consult supplier for specific recommendations.

Eye protection:

Goggles + face shield

Skin and body protection:

Impervious 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.

Thermal hazard protection:

Not applicable.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Pink. Powder.
Color	: Pink
Odor	: Odorless
Odor threshold	: Not applicable
pH	: Not applicable
Melting point	: Not applicable
Freezing point	: Not determined
Boiling point	: Not applicable
Flash point	: Not applicable
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: Not determined
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: Not determined

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Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not determined
Viscosity, kinematic	: Not applicable
Explosion limits	: No data available
Explosive properties	: Product is not explosive.
Oxidizing properties	: Not oxidising.
Particle characteristics	: Particle characteristics : Not determined

9.2. Data relevant with regard to physical hazard classes (supplemental)

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. May be corrosive to metals. Reacts vigorously with strong oxidizers and acids.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reacts vigorously with strong oxidizers and acids.

10.4. Conditions to avoid

Incompatible materials.

10.5. Incompatible materials

Strong acids. Oxidizing agent. May be corrosive to metals.

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)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

sodium carbonate (497-19-8)

LD50 oral rat	2800 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Disodium metasilicate (6834-92-0)

LD50 oral rat	1152 – 1349 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 2.06 mg/l/4h

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2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)

LD50 oral rat	1746 mg/kg
LD50 oral	1414 mg/kg
LD50 dermal rat	> 2000 mg/kg bw/day

Skin corrosion/irritation : Causes severe skin burns.
pH: Not applicable

Serious eye damage/irritation : Causes serious eye damage.
pH: Not applicable

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)

IARC group	3 - Not classifiable
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Reproductive toxicity : Not classified

Disodium metasilicate (6834-92-0)

NOAEL (animal/female, F0/P)	> 159 mg/kg body weight Animal: rat, Animal sex: female
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STOT-single exposure : May cause respiratory irritation.

Disodium metasilicate (6834-92-0)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Not classified

Disodium metasilicate (6834-92-0)

NOAEL (oral, rat, 90 days)	227 – 237 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
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Aspiration hazard : Not classified

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Viscosity, kinematic	Not applicable
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Symptoms/effects : Causes eye and skin burns. Severe corrosion to the respiratory tract at high concentrations. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing). At high concentrations: Corrosive to the respiratory tract.

Skin : Causes severe burns.

Eyes : Causes serious eye damage. Can cause blindness.

Ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic symptoms : None known.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Before neutralization, the product may represent a danger to aquatic organisms.

Hazardous to the aquatic environment, short-term (acute) : Not applicable.

Hazardous to the aquatic environment, long-term (chronic) : Not applicable.

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sodium carbonate (497-19-8)	
LC50 - Fish [1]	300 mg/l Lepomis macrochirus (Bluegill)
EC50 - Crustacea [1]	200 – 227 mg/l Ceriodaphnia dubia
EC50 - Crustacea [2]	200 – 227 mg/l Test organisms (species): Ceriodaphnia sp.
EC50 96h - Algae [1]	242 mg/l Source: ECOTOX

Disodium metasilicate (6834-92-0)	
LC50 - Fish [1]	210 mg/l Brachydanio rerio (zebra-fish)
EC50 - Crustacea [1]	1700 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	207 mg/l Desmodesmus subspicatus
ErC50 algae	> 345.4 mg/l Scenedesmus subspicatus

2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
LC50 - Fish [1]	1474 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	≈ 1800 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	911 mg/l Pseudokirchneriella subcapitata
EC50 72h - Algae [2]	1840 mg/l Pseudokirchneriella subcapitata
NOEC (chronic)	100 mg/l Daphnia magna (Water flea)
NOEC chronic fish	> 100 mg/l Danio rerio (Zebrafish)

12.2. Persistence and degradability

Red Fury Degreaser Powder	
Persistence and degradability	No additional information available.
sodium carbonate (497-19-8)	
Persistence and degradability	Biodegradation is not applicable to inorganic compounds.
Disodium metasilicate (6834-92-0)	
Persistence and degradability	Biodegradation is not applicable to inorganic compounds.
2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

sodium carbonate (497-19-8)	
Partition coefficient n-octanol/water (Log Pow)	-6.19 Source: Quantitative Structure Activity Relation

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified
Fluorinated greenhouse gases	: No

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 13 Disposal considerations

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. Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Empty containers retain product residue and can be hazardous.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
UN3262	UN3262	3262	3262
14.2. Proper Shipping Name			
Corrosive solid, basic, inorganic, n.o.s. (Disodium metasilicate)			
14.3. Transport hazard class(es)			
8	8	8	8
14.4. Packing group			
II	II	II	II
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No. (DOT) : UN3262

TDG

UN-No. (TDG) : UN3262

Emergency Response Guide (ERG) Number : 154

IMDG

No data available

IATA

No data available

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 15 Regulatory information

15.1. Federal regulations

Red Fury Degreaser Powder

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.

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve

CAS-No. 111-76-2

5 – 25%

15.2. International regulations

CANADA

sodium carbonate (497-19-8)

Listed on the Canadian DSL (Domestic Substances List)

Disodium metasilicate (6834-92-0)

Listed on the Canadian DSL (Domestic Substances List)

2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve (111-76-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Red Fury Degreaser Powder

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

Listed on the Canadian DSL (Domestic Substances List)

Disodium metasilicate (6834-92-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
2-Butoxyethanol, ethylene glycol monobutyl ether, butyl cellosolve(111-76-2)	U.S. - New Jersey - Right to Know Hazardous Substance List

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SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Revision date : 10/1/2025
Issue date : 10/1/2025

Full text of hazard classes and H-statements

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H335	May cause respiratory irritation

Indication of changes:

New SDS.

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.