

STEAM ACTION

Safety Data Sheet Formula 2022 The Grease Eraser

SECTION 1: Identification

1.1 Product identifier

Product name	Formula 2022 The Grease Eraser
Product number	SA330
Brand	Steam Action

1.2 Other means of identification

Pre-Spray

1.3 Recommended use of the chemical and restrictions on use

Carpet Pre-Spray

1.4 Supplier's details

Name	Steam Action
Address	32378 W Hwy OO Lawson MO 64062
Telephone	1-800-445-6866
email	info@steamaction.com

1.5 Emergency phone number(s)

INFOTRAC
1-800-535-5053
#115061

SECTION 2: Hazard identification

General hazard statement

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Oxidizing solids, Cat. 2
- Acute toxicity, oral, Cat. 4
- Acute toxicity, dermal, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H272	May intensify fire; oxidizer
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P220	Keep/Store away from clothing/.../combustible materials.
P221	Take any precaution to avoid mixing with combustibles/...
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/eye protection/face protection/protective clothing.
P301+P312	IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell, Rinse mouth.
P330	In case of fire: Use ... to extinguish.
P370+P378	Dispose of contents/container to ...
P501	IF ON SKIN: Wash with plenty of water/...
P302+P352	Call a POISON CENTER/doctor/.../ if you feel unwell.
P312	Specific treatment (see ... on this label).
P321	Take off contaminated clothing and wash it before reuse.
P362+P364	If skin irritation occurs: Get medical advice/attention.
P332+P313	IF IN EYES: Rinse cautiously with water for several minutes.
P305+P351+P338	Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/...

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

1. SODIUM PERCARBONATE

Concentration	10 - 99 % (weight)
CAS no.	15630-89-4

2. Potassium phosphate Monobasic

Concentration	Not specified
CAS no.	7778-77-0

3. Alcohols, C12-14-secondary, ethoxylated

Concentration Not specified
CAS no. 84133-50-6

4. Sodium metasilicate pentahydrate

Concentration Not specified
EC no. 229-912-9
CAS no. 6834-92-0
Index no. 014-010-00-8

- Specific target organ toxicity (single exposure), Cat. 3
- Skin corrosion/irritation, Cat. 1B

H314 Causes severe skin burns and eye damage
H335 May cause respiratory irritation

5. Sodium tripolyphosphate

Concentration Not specified
EC no. 231-838-7
CAS no. 7758-29-4

6. Sodium xylenesulfonate

Concentration Not specified
EC no. 215-090-9
CAS no. 1300-72-7

- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Respiratory

H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

7. Ethylenediaminetetraacetic acid tetrasodium salt dihydrate

Concentration Not specified
EC no. 200-573-9
CAS no. 64-02-8
Index no. 607-428-00-2

- Eye damage/irritation, Cat. 1
- Acute toxicity, oral, Cat. 4

H302 Harmful if swallowed
H318 Causes serious eye damage

8. Sodium carbonate

Concentration Not specified
EC no. 207-838-8
CAS no. 497-19-8

Index no. 011-005-00-2

- Serious eye damage/eye irritation, Cat. 2

H319 Causes serious eye irritation

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	Call a poison center or doctor if you feel unwell. Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	Rinse with plenty of water. Call a doctor if irritation develops or persists. Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

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

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Hazardous combustion Products may be but not limited to carbon oxides and sodium Oxides.

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate: Carbon oxides, Nitrogen oxides (NO_x), Sodium oxides

Sodium carbonate: Carbon oxides, Sodium oxides

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as described in Section 8. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Do not let concentrated product enter drains.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of in accordance with local and national regulations. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

Not normally required. Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Ensure that eyewash stations and/or safety showers are close to the workstation location if working with concentrated product.

Skin protection

Wear protective gloves (rubber, chemical resistant). Consult manufacturer specifications for further information.

Body protection

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Not required under normal use conditions. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Powder
Odor	Pleasant
Odor threshold	No data available.
pH	10.0
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	Not flammable
Upper/lower flammability limits	No data available.

Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	Soluble
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Contact with incompatible materials. Sources of ignition. Exposure to heat.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

Heavy metals, combustible organic materials, reducing agents and powder metals

Sodium metasilicate pentahydrate : Strong oxidizing agents

Sodium tripolyphosphate: Strong acids, Strong oxidizing agents

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate: Strong oxidizing agents, Strong acids

Sodium carbonate: Sodium carbonate reacts with acids with release of large volumes of carbon dioxide gas and heat.

10.6 Hazardous decomposition products

No data available.

Sodium metasilicate pentahydrate : Other decomposition products - No data available
In the event of fire: see section 5

Sodium tripolyphosphate: Hazardous decomposition products formed under fire conditions. -
Oxides of phosphorus, Sodium oxides

Other decomposition products - No data available
In the event of fire: see section 5

Sodium xylenesulfonate: Other decomposition products - no data available
In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

SODIUM PERCARBONATE
LD50 Oral - Rat- 1034 mg/kg

Skin corrosion/irritation

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

Serious eye damage/irritation

Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Germ cell mutagenicity

No data available.

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

May be harmful if swallowed and enters airways

Additional information

(a) Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact);

- (b) Symptoms related to the physical, chemical and toxicological characteristics;
- (c) Delayed and immediate effects and also chronic effects from short- and long-term exposure;

SECTION 12: Ecological information

Toxicity

Toxicity to fish LC50 - Pimephales promelas - 70.7 mg/l - 96h
EC0 - Daphnia - 2mg/l - 48h
EC50 Daphnia magna - 4.9 mg/l - 48h

Sodium carbonate

LD50 Oral - Rat - 4,090 mg/kg

Citation: Sigma SDS. GESTIS Substance Database.

Lewis, R.J. Sr. (ed) Sax's Dangerous Properties of Industrial Materials. 11th Edition.
Wiley-Interscience, Wiley & Sons, Inc. Hoboken, NJ. 2004., p. 3236

SODIUM PERCARBONATE

LD50 Oral - Rat

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations.
Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pentasodium triphosphate
CAS-No. 7758-29-4

New Jersey Right To Know Components

No components are subject to the New Jersey Right to Know Act.

Disodium metasilicate pentahydrate
CAS-No. 10213-79-3

Pentasodium triphosphate
CAS-No. 7758-29-4

Sodium xylenesulphonate
CAS-No. 1300-72-7

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate
CAS-No. 10378-23-1

Sodium carbonate
CAS-No.: 497-19-8

Pennsylvania Right To Know Components

No components are subject to the Pennsylvania Right to Know Act.

Disodium metasilicate pentahydrate
CAS-No. 10213-79-3

Pentasodium triphosphate
CAS-No. 7758-29-4

Sodium xylenesulphonate
CAS-No. 1300-72-7

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate
CAS-No. 10378-23-1

Sodium carbonate
CAS-No.: 497-19-8

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

Formula 2022 The Grease Eraser	
HEALTH	2
FLAMMABILITY	
PHYSICAL HAZARD	2
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Steam Action be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Steam Action has been advised of the possibility of such damages.

16.2 Preparation information
Steam Action
SDS Tech Team