Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2024 and GHS Rev 07.

Date of issue: 06/04/2026 *Reviewed on 06/04/2026*

1 Identification

· ***Product identifier***

· ***Product name:*** **Grease Away**
· ***Other means of identification***

· ***Product number:*** 3450
· ***Relevant identified uses of the substance or mixture and uses advised against***
· ***Product Description:*** Natural Floating Grease Trap Degreaser/Deodorant

· ***Details of the supplier of the safety data sheet***
· ***Manufacturer/Supplier:***
Perform Mfg
1624 S. 45th St.
Kansas City, KS 66106
Customer Service: 913-722-1557
E-Mail: sales@performmfg.com
· ***Emergency telephone number:*** Infotrac: US & Canada: 1-800-535-5053 | International 1-352-323-3500

2 Hazard(s) identification

· ***Classification of the substance or mixture***

GHS02 Flame

Flammable liquids 3 H226 Flammable liquid and vapor.

GHS08 Health hazard

Aspiration hazard 1 H304 May be fatal if swallowed and enters airways.

GHS07

Skin irritation 2 H315 Causes skin irritation.
Sensitization - skin 1 H317 May cause an allergic skin reaction.

· ***Label elements***
· ***GHS label elements*** The product is classified and labeled according to the Globally Harmonized System (GHS).
· ***Hazard pictograms***

GHS02 GHS07 GHS08

· ***Signal word*** Danger

· ***Hazard-determining components of labeling:***
d-Limonene
Citrus Aurantium Peel Oil
· ***Hazard statements***
Flammable liquid and vapor.
Causes skin irritation.
May cause an allergic skin reaction.

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May be fatal if swallowed and enters airways.

· ***Precautionary statements***

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground / bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take action to prevent static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
If swallowed: Immediately call a poison center/doctor.
Specific treatment (see on this label).
Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
In case of fire: Use CO2, powder or water spray to extinguish.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· ***Unknown acute toxicity:***

This value refers to knowledge of known, established toxicological or ecotoxicological values.
0 % of the mixture consists of component(s) of unknown toxicity.

· ***Information pertaining to particular dangers for man and environment:***

· ***Classification system:*** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

· ***NFPA ratings (scale 0 - 4)***

Health = 1
Fire = 2
Reactivity = 0

· ***HMIS-ratings (scale 0 - 4)***

Health = 1
Fire = 2
Reactivity = 0

· ***Other hazards***

· ***Results of PBT and vPvB assessment***

· ***PBT:*** Not applicable

· ***vPvB:*** Not applicable

· ***Classification according to (d)(1)(ii) of § 1910.1200***

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

· ***Hazards not otherwise classified (HNOC)***

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

* 3 Composition/information on ingredients

· ***Chemical characterization: Mixtures***

· ***Description:*** Mixture of the substances listed below with nonhazardous additions.

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· ***Dangerous components:***		
CAS: 5989-27-5 RTECS: GW 6360000	d-Limonene Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1B, H317	80-100%
CAS: 8008-57-9	Citrus Aurantium Peel Oil Flammable liquids 3, H226; Aspiration hazard 1, H304; Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1–<1%

* 4 First-aid measures

· ***Description of first aid measures***
· ***General information:*** If symptoms persist, call a physician.
· ***After inhalation:***
Supply fresh air; consult doctor in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.
· ***After skin contact:***
Immediately wash with water and soap and rinse thoroughly.
If skin irritation occurs, consult a doctor.
· ***After eye contact:***
Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.
If eye irritation occurs, consult a doctor.
· ***After swallowing:***
Do not induce vomiting.
Rinse mouth out with water.
If vomiting ocurrs, the head should be kept low so that the vomit does not enter the lungs (aspiration). Once the vomiting ceases, place the person in the recovery position with the legs slightly raised.
If swallowed and symptoms occur, consult a doctor.
· ***Most important symptoms and effects, both acute and delayed*** No further relevant information available.
· ***Indication of any immediate medical attention and special treatment needed*** Treat symptomatically.

* 5 Fire-fighting measures

· ***Extinguishing media***
· ***Suitable extinguishing agents:*** CO2, sand, extinguishing powder. Do not use water.
· ***For safety reasons unsuitable extinguishing agents:*** Water with full jet
· ***Special hazards arising from the substance or mixture***
In a fire or if heated, a pressure increase will occur and the container may burst.
· ***Advice for firefighters***
· ***Protective equipment:***
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

* 6 Accidental release measures

· ***Personal precautions, protective equipment and emergency procedures***
Wear protective equipment. Keep unprotected persons away.
· ***For non-emergency personnel*** Use appropriate personal protection equipment (PPE).
· ***For emergency responders***
Equip cleanup crew with proper protection. Use appropriate personal protection equipment (PPE).
· ***Environmental precautions:***
Dilute with plenty of water.
Do not allow to enter sewers / surface or ground water.
· ***Methods and material for containment and cleaning up:***
Dispose contaminated material as waste according to section 13.

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Ensure adequate ventilation.
Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth.

· ***Protective Action Criteria for Chemicals***
Protective Action Criteria (PACs) are essential components for planning and response to uncontrolled releases of hazardous chemicals.

· ***PAC-1:***
PAC 1: Mild, transient health effects.

5989-27-5	d-Limonene	112 mg/m3

· ***PAC-2:***
PAC 2: Irreversible or other serious health effects that could impair the ability to take protective action.

5989-27-5	d-Limonene	150 mg/m3

· ***PAC-3:***
PAC 3: Life-threatening health effects.

5989-27-5	d-Limonene	870 mg/m3

· ***Reference to other sections***
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

* 7 Handling and storage

· ***Precautions for safe handling***
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

· ***Information about protection against explosions and fires:***
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

· ***Conditions for safe storage, including any incompatibilities***

· ***Storage:***

· ***Requirements to be met by storerooms and receptacles:***
Keep container closed when not in use.
Keep away from any sources of heat or flame.
Keep in properly labelled containers.
Keep container tightly closed.
Store in a cool, dry place away from sparks and flame.

· ***Information about storage in one common storage facility:*** Not required

· ***Further information about storage conditions:*** Keep receptacle tightly sealed.

· ***Specific end use(s)*** No further relevant information available.

* 8 Exposure controls/personal protection

· ***Control parameters***

· ***Components with limit values that require monitoring at the workplace:***
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

5989-27-5 d-Limonene	
TLV	Long-term value: 3 ppm DSEN

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TWA	Short-term value: 10 mg/m³

· ***Regulatory information*** TLV: Guide to Occupational Exposure Values (TLV)
· ***Additional information:*** The lists that were valid during the creation of this SDS were used as basis.

· ***Exposure controls***
Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Where acceptable concentrations cannot be maintained by general mechanical ventilation, local exhaust ventilation is recommended.
· ***Appropriate engineering controls*** No further data; see section 7.
· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
· ***Breathing equipment:***
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
· ***Protection of hands:***

Protective gloves

· ***Material of gloves***
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
· ***Penetration time of glove material***
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· ***Eye protection:***

Tightly sealed goggles

· ***Limitation and supervision of exposure into the environment***
Keep away from drains, surface and ground waters.
Avoid release into the environment.

* 9 Physical and chemical properties

· ***Information on basic physical and chemical properties***
· ***General Information***

· ***Physical state***	Liquid
· ***Color:***	Colored
· ***Odor:***	Characteristic
· ***Odor threshold:***	Not determined
· ***Melting point/Melting range:***	-74.3 °C (-101.7 °F)
· ***Boiling point/Boiling range:***	173 °C (343.4 °F)
· ***Flammability:***	Flammable.
· ***Explosion limits:***	
· ***Lower:***	0.7 Vol %
· ***Upper:***	6.1 Vol %
· ***Flash point:***	51 °C (123.8 °F)

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· ***Auto igniting:***	255 °C (491 °F)
· ***Decomposition temperature:***	Not determined
· ***pH-value:***	Not determined
· ***Viscosity:***	
· ***Kinematic:***	Not determined
· ***Dynamic:***	Not determined
· ***Solubility in / Miscibility with***	
· ***Water:***	Fully miscible.
· ***Partition coefficient (n-octanol/water):***	Not determined
· ***Vapor pressure at 20 °C (68 °F):***	2.3 hPa (1.7 mm Hg)
· ***Density at 20 °C (68 °F):***	0.848 g/cm³ (7.07656 lbs/gal)
· ***Relative density***	Not determined
· ***Vapor density***	Not determined
· ***Particle characteristics***	Not applicable
· ***Other information***	
· ***Appearance:***	
· ***Form:***	Liquid
· ***Important information on protection of health and environment, and on safety.***	
· ***Ignition temperature:***	Not determined
· ***Danger of explosion:***	Product is not explosive. However, formation of explosive air/ vapor mixtures are possible.
· ***Solvent content:***	
· ***Organic solvents:***	99.5 %
· ***VOC content:***	99.99 % 999.9 g/l / 8.34 lb/gal
· ***Change in condition***	
· ***Oxidizing properties***	None
· ***Evaporation rate***	Not determined

* 10 Stability and reactivity

· ***Reactivity***
The product is stable under normal conditions.
No further relevant information available.
· ***Chemical stability*** Stable under normal conditions.
· ***Thermal decomposition / conditions to be avoided:*** No decomposition if used according to specifications.
· ***Possibility of hazardous reactions*** No dangerous reactions known.
· ***Conditions to avoid*** Heat, flame and ignition sources.
· ***Incompatible materials:*** Strong oxidizing agents.
· ***Hazardous decomposition products:*** Oxides of carbon (COx)

* 11 Toxicological information

· ***Information on toxicological effects***
· ***Acute toxicity:***

· ***LD/LC50 values that are relevant for classification:***		
5989-27-5 d-Limonene		
Oral	LD50	4,400 mg/kg (Rat)

· ***Primary irritant effect:***
· ***on the skin:*** Irritant to skin and mucous membranes.
· ***on the eye:*** No irritating effect.

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· ***Sensitization:*** Sensitization possible through skin contact.
· ***Additional toxicological information:***
· ***Interactive effects*** No interactive effects between components are known.

· ***Carcinogenic categories***
· ***IARC (International Agency for Research on Cancer)***
Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans
Group 3 - Not classifiable as to its carcinogenicity to humans
Group 4 - Probably not carcinogenic to humans

5989-27-5	d-Limonene	3

· ***NTP (National Toxicology Program)***
None of the ingredients is listed.

· ***OSHA-Ca (Occupational Safety & Health Administration)***
None of the ingredients is listed.

· ***Alternative sources for toxicological information*** No non-standard sources for toxicological information were used.

12 Ecological information

· ***Toxicity***

· ***Aquatic toxicity:***

5989-27-5 d-Limonene	
EC50	0.36 mg/kg (daphnia)

· ***Persistence and degradability*** No further relevant information available.
· ***Bioaccumulative potential*** No further relevant information available.
· ***Mobility in soil*** No further relevant information available.
· ***Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable
· ***vPvB:*** Not applicable
· ***Other adverse effects***
· ***Additional ecological information:***
· ***General notes:***
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

13 Disposal considerations

· ***Waste treatment methods***
· ***Recommendation:***
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Observe all federal, state and local environmental regulations when disposing of this material.
· ***Waste disposal key:*** US EPA RCRA waste code D001 (ignitability characteristic).

· ***Uncleaned packagings:***
· ***Recommendation:*** Disposal must be made according to official regulations.
· ***Recommended cleansing agent:*** Water, if necessary with cleansing agents.

14 Transport information

· ***UN-Number***
· ***DOT, IMDG, IATA*** UN2319

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· ***UN proper shipping name***
· ***DOT, IATA*** Terpene hydrocarbons, n.o.s.
· ***IMDG*** TERPENE HYDROCARBONS, N.O.S.
· ***Transport hazard class(es)***

· ***DOT***

· ***Class*** 3 Flammable liquids
· ***Label*** 3

· ***IMDG, IATA***

· ***Class*** 3 Flammable liquids
· ***Label*** 3
· ***Packing group***
· ***DOT, IMDG, IATA*** III
· ***Environmental hazards:*** Not applicable
· ***Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code*** Not applicable

· ***Transport/Additional information:***

· ***DOT***
· ***Quantity limitations*** On passenger aircraft/rail: 60 L
On cargo aircraft only: 220 L

· ***IMDG***
· ***Limited quantities (LQ)*** 5L
· ***Excepted quantities (EQ)*** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
· ***Special precautions for user*** Warning: Flammable liquids
· ***Hazard identification number (Kemler code):*** 30
· ***EMS Number:*** F-E,S-D
· ***Stowage Category*** A
· ***UN "Model Regulation":*** UN 2319 TERPENE HYDROCARBONS, N.O.S. 3, III

* 15 Regulatory information

· ***Safety, health and environmental regulations/legislation specific for the substance or mixture***

· ***TSCA (Toxic Substances Control Act):***
All components have the value ACTIVE.

· ***Hazardous Air Pollutants***
None of the ingredients is listed.

· ***Proposition 65***

· ***Chemicals known to cause cancer:***
None of the ingredients is listed.

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· ***Chemicals known to cause reproductive toxicity for females:***
None of the ingredients is listed.

· ***Chemicals known to cause reproductive toxicity for males:***
None of the ingredients is listed.

· ***Chemicals known to cause developmental toxicity:***
None of the ingredients is listed.

· ***New Jersey Right-to-Know List:***
None of the ingredients is listed.

· ***New Jersey Special Hazardous Substance List:***
None of the ingredients is listed.

· ***Pennsylvania Right-to-Know List:***
None of the ingredients is listed.

· ***Pennsylvania Special Hazardous Substance List:***
None of the ingredients is listed.

· ***EPA (Environmental Protection Agency)***
None of the ingredients is listed.

· ***TLV (Threshold Limit Value)***
None of the ingredients is listed.

· ***NIOSH-Ca (National Institute for Occupational Safety and Health)***
None of the ingredients is listed.

· ***PFAS***
None of the ingredients is listed.

· ***Per- and polyfluoroalkyl substances (PFAS)***
None of the ingredients is listed.

· ***GHS label elements*** The product is classified and labeled according to the Globally Harmonized System (GHS).

· ***Hazard pictograms***

GHS02 GHS07 GHS08

· ***Signal word*** Danger

· ***Hazard-determining components of labeling:***
d-Limonene
Citrus Aurantium Peel Oil

· ***Hazard statements***
Flammable liquid and vapor.
Causes skin irritation.
May cause an allergic skin reaction.
May be fatal if swallowed and enters airways.

· ***Precautionary statements***
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground / bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.

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Use non-sparking tools.
Take action to prevent static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
If swallowed: Immediately call a poison center/doctor.
Specific treatment (see on this label).
Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
In case of fire: Use CO2, powder or water spray to extinguish.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· ***Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

16 Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· ***SDS created by:*** Access GHS, LLC - 888-363-4870 - Team@access-ghs-sds.com
· ***Date of previous version*** 07/20/2023
· ***Version number of previous version:*** 2
· ***Date of preparation*** 06/04/2026
· ***Abbreviations and acronyms:***
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Flammable liquids 3: Flammable liquids – Category 3
Skin irritation 2: Skin corrosion/irritation – Category 2
Sensitization - skin 1: Skin sensitisation – Category 1
Sensitization - skin 1B: Skin sensitisation – Category 1B
Aspiration hazard 1: Aspiration hazard – Category 1
· **** Data compared to the previous version altered.***