

Scent Killer® Gold® Laundry Detergent Strips

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard
Issue date: 7/17/2024 Revision date: 7/17/2024 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Scent Killer® Gold® Laundry Detergent Strips
Product code : #1285

1.2. Recommended use and restrictions on use

Recommended use : Laundry detergents
Restrictions on use : None

1.3. Supplier

Wildlife Research Center Inc.
14485 Azurite NW
Ramsey, MN 55303
United States
T 763-427-3350

1.4. Emergency telephone number

Emergency number : 1-888-890-7368

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation Category 2	H315	Causes skin irritation
Serious eye damage Category 1	H318	Causes serious eye damage
Respiratory sensitization, Category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H315 - Causes skin irritation
H318 - Causes serious eye damage
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 - May cause respiratory irritation

Precautionary statements (GHS US)

: P261 - Avoid breathing dust.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, eye protection.
P284 - [In case of inadequate ventilation] wear respiratory protection.
P302+P352 - If on skin: Wash with plenty of water.

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P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P304+P341 - If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor.
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.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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 Lauryl Sulfate	CAS-No.: 151-21-3	20 – 40
Cocamidopropyl betaine	CAS-No.: 61789-40-0	1 - 15
Sodium C14-16 olefin sulfonate	CAS-No.: 68439-57-6	1 - 15
Isotridecanol, ethoxylated	CAS-No.: 9043-30-5	1 - 10
Starch	CAS-No.: 9005-25-8	1 - 10
Silicon dioxide	CAS-No.: 7631-86-9	1 – 5
Protease	CAS-No.: 9014-01-1	0.1 - <1.0

*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 first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor. Allergic reactions. Get immediate medical advice/attention.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Inhalation	: No adverse effects expected under normal conditions of use. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.
Skin	: No adverse effects expected under normal conditions of use. Causes skin irritation.
Eyes	: No adverse effects expected under normal conditions of use. Severe eye irritant. Risk of serious damage to eyes.
Ingestion	: No adverse effects expected under normal conditions of use. Irritation to the digestive tract.
Chronic symptoms	: None known.

4.3. Immediate medical attention and special treatment, if necessary

Immediate medical attention is required for eye contact. Obtain medical attention if breathing difficulty persists.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam.
Unsuitable extinguishing media	: Not determined.

5.2. Specific hazards arising from the chemical

Fire hazard	: The product is not flammable.
Explosion hazard	: Product is not explosive.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO ₂). 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. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Notify authorities if product enters sewers or public waters. Keep unnecessary and unprotected personnel away from the spillage.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust.

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".
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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Mechanically recover the product. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

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6.4. Reference to other sections

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

Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	: Ensure adequate ventilation. Do not breathe dust. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed.
Incompatible materials	: Strong oxidizers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Starch (9005-25-8)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Starch
ACGIH OEL TWA	10 mg/m³
Remark (ACGIH)	TLV® Basis: Dermatitis. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Starch
OSHA PEL (TWA)	15 mg/m³ (Total dust) 5 mg/m³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Silicon dioxide (7631-86-9)	
USA - OSHA - Occupational Exposure Limits	
Local name	Silica, amorphous, precipitated and gel
OSHA PEL (TWA)	20 mppcf
Remark (OSHA)	80 mg/m3/%SiO2
Regulatory reference (US-OSHA)	Table Z3
Subtilisin (9014-01-1)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Bacillus subtilis, as 100% crystalline active pure enzyme
ACGIH OEL Ceiling	0.00006 mg/m³

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Subtilisin (9014-01-1)

Remark (ACGIH)	TLV® Basis: Asthma; skin, URT, & LRT irr
Regulatory reference	ACGIH 2024

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure adequate ventilation.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

No personal protective equipment required under normal use. Handling product in bulk: Wear suitable gloves

Eye protection:

No special eye protection equipment recommended under normal conditions of use. Avoid contact with eyes. Handling product in bulk: Wear safety goggles or other eye protection to prevent eye contact.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

No respiratory protection needed under normal use conditions. [In case of inadequate ventilation] wear 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. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: White. sheet.
Color	: White
Odor	: Characteristic
Odor threshold	: No data available
pH	: No data available
pH solution	: $\geq 6.5 - \leq 9.5$
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Molecular mass	: > g/mol
Solubility	: Soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available

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Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosion limits	: Not applicable
Explosive properties	: Product is not explosive.
Oxidizing properties	: Not oxidising.

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

None under normal 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)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Cocamidopropyl betaine (61789-40-0)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
Sodium Lauryl Sulfate (151-21-3)	
LD50 oral rat	977 mg/kg
LD50 dermal rat	> 2000 mg/kg
Sodium C14-16 olefin sulfonate (68439-57-6)	
LD50 oral rat	2079 mg/kg
LD50 dermal rabbit	6300 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 52 mg/l/4h

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Subtilisin (9014-01-1)

LD50 oral rat	1800 mg/kg
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified. This product does not contain any component that is considered a carcinogen by IARC, ACGIH, OSHA or NTP.
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.

Sodium Lauryl Sulfate (151-21-3)

STOT-single exposure	May cause respiratory irritation.
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Subtilisin (9014-01-1)

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

Subtilisin (9014-01-1)

NOAEL (oral,rat,90 days)	360 – 891 mg/kg body weight
Aspiration hazard	: Not classified
Viscosity, kinematic	: Not applicable
Inhalation	: No adverse effects expected under normal conditions of use. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.
Skin	: No adverse effects expected under normal conditions of use. Causes skin irritation.
Eyes	: No adverse effects expected under normal conditions of use. Severe eye irritant. Risk of serious damage to eyes.
Ingestion	: No adverse effects expected under normal conditions of use. Irritation to the digestive tract.
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. Avoid release to the environment.
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12.2. Persistence and degradability

Laundry Wash Sheets

Persistence and degradability	No data available.
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12.3. Bioaccumulative potential

Laundry Wash Sheets

Bioaccumulative potential	No additional information available.
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12.4. Mobility in soil

Laundry Wash Sheets

Ecology - soil	No additional information available.
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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

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

14.6. Special precautions for user

DOT

Not regulated

TDG

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

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SECTION 15: Regulatory information

15.1. US Federal regulations

Laundry Wash Sheets

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

No additional information available

15.3. US 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

SECTION 16: Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard

Revision date

: 7/17/2024

Full text of hazard classes and H-statements

H315	Causes skin irritation
H318	Causes serious eye damage
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation

Indication of changes:

new version.

Safety Data Sheet (SDS), USA

Disclaimer: ALL INFORMATION, RECOMMENDATIONS, AND SUGGESTIONS APPEARING HEREIN CONCERNING OUR PRODUCT ARE BASED UPON TESTS AND DATA BELIEVED TO BE RELIABLE. HOWEVER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY, AND SUITABILITY FOR HIS OWN USE OF THE PRODUCT DESCRIBED HEREIN. SINCE THE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE BY WILDLIFE RESEARCH CENTER, INC. AS TO THE EFFECTS OF SUCH USE, THE RESULTS TO BE OBTAINED, OR THE SAFETY AND TOXICITY OF THE PRODUCT NOR DOES WILDLIFE RESEARCH CENTER, INC. ASSUME ANY LIABILITY ARISING OUT OF USE, BY OTHERS, OF THE PRODUCT REFERRED TO HEREIN. THE INFORMATION HEREIN IS NOT TO BE CONSTRUED AS ABSOLUTELY COMPLETE SINCE ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE WHEN PARTICULAR OR EXCEPTIONAL CONDITIONS OR CIRCUMSTANCES EXIST OR BECAUSE OF APPLICABLE LAWS OR GOVERNMENT REGULATIONS.