



Safety Data Sheet (SDS)

SUN GOLD Mfg.

Sun Gold - General & Light-Duty Cleaning Concentrations

SDS Number: 541

Revision Date: 5/15/2016

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

SUN GOLD Mfg.
P.O. Box 140077
Boise, ID 83714

Contact: SUN GOLD Mfg.
Phone: 208-376-3040 // 800-434-1343
Email: sungoldsales@sungold.com
Web: www.sungold.com

Product Name: Sun Gold - General & Light-Duty Cleaning Concentrations
Revision Date: 5/15/2016
Version: 1
SDS Number: 541
Common Name: Detergent
CAS Number: MIXTURE
Chemical Family: Inorganic Salts & Organic Compound Mixture
Chemical Formula: *** PROPRIETARY ***
Synonyms: Diluted All-Purpose Cleaner
Product Use: General & Light Duty Industrial Strength All-Purpose Cleaner. General-Duty: 2 Tbsp Sun Gold concentrate per 1 quart (32 oz) hot water. Light-Duty: 1 tsp Sun Gold concentrate per 1 quart (32 oz) hot water.
Emergency Phone: 208-376-3040

2 HAZARDS IDENTIFICATION

NFPA:
HMIS III:

Health = 0, Fire = 0, Reactivity = 0
H0/F0/PH0



HMIS III	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B Safety Glasses, Gloves	

PERSONAL PROTECTION INDEX													
A		G											
B		H											
C		I											
D		J											
E		K											
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions										
A		n		O		P		q		r		S	
t		u		w		y		Z		Additional information			



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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
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N/A	100%	Proprietary, non-hazardous, non-regulated**
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**Balance of ingredients are non-hazardous, as defined by OSHA 29CFR1910.1200 or the Globally Harmonized System of Classification and Labeling of Chemicals (GHS), or hazardous in less than 1% concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory/skin sensitizers).

4 FIRST AID MEASURES

- Inhalation:** Product does not irritate through inhalation. As a precaution, give oxygen or artificial respiration if needed. If symptoms develop, move victim to fresh air. If symptoms develop and/or persist, obtain medical attention.
- Skin Contact:** General and Light-Duty usage dilutions of Sun Gold generally do not irritate the skin. As a precaution, flush skin with water for several minutes to ensure all chemical is removed. If reddening develops and/or persists, obtain medical attention.
- Eye Contact:** General and Light-Duty usage dilutions of Sun Gold generally do not irritate the eyes. As a precaution, flush with large amounts of water for several minutes, lifting upper and lower lids occasionally. If eye irritation occurs and/or persists, obtain medical attention.
- Ingestion:** General and Light-Duty usage dilutions of Sun Gold generally do not irritate by ingestion. As a precaution, rinse mouth with water. Do NOT induce vomiting unless instructed to do so. Give 3-4 glasses of water or milk to dilute stomach contents. Never give anything by mouth to an unconscious person. If symptoms develop and/or persist, obtain medical attention.

Most important symptoms and effects, both acute and delayed:

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

Indication of any immediate medical attention and special treatment needed:

No data available.

5 FIRE FIGHTING MEASURES

- | | |
|----------------------------|-------------------|
| Flammability: | Not flammable |
| Flash Point: | DNA |
| Flash Point Method: | DNA |
| Burning Rate: | No data available |
| Autoignition Temp: | Not determined |
| LEL: | DNA |
| UEL: | DNA |

Extinguishing Media:

Water Spray
Water Fog
Carbon Dioxide
Alcohol-Resistant Foam



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Dry Sand/Earth

Special Hazards Arising From the Substance or Mixture:

Carbon Oxides
Hydrogen Chloride gas
Phosphorus Oxides
Sodium Oxides
Sulfur Oxides

Advice for Firefighters:

Firefighters should wear full-face, positive-pressure respirators.

Further Information:

If incinerated, may release toxic fumes.
Use water spray to cool unopened containers.
Do NOT use high volume water jet to extinguish fire, as the force of the water jet may cause fire to spread.
See Section 7 for more information on safe handling.
See Section 8 for more information on personal protection equipment.
See Section 13 for disposal information.

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ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment as needed.
Keep from contacting skin or eyes.
Avoid breathing vapors, mist or gas.
Ensure adequate ventilation.

Environmental precautions:

Prevent further release (leakage/spillage) if safe to do so.
Do not allow product to enter drains.
Do not allow to drain to environment.

Methods and materials for containments and cleaning up:

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).
Place contaminated material into suitable, closed containers for disposal.
Dispose of contaminated material according to Section 13.
After spillage has been collected, area may be flushed with water or wet-brushed.
Ensure adequate ventilation.

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 information on proper disposal.



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HANDLING AND STORAGE

Handling Precautions:

Avoid contact with eyes, skin, or clothing.
Keep containers closed when not in use.
Do not expose containers to open flame, excessive heat, or direct sunlight.
Do not puncture or drop containers.
Handle with care and avoid spillage on the floor.
Keep material out of reach of children.
Keep material away from incompatible materials.
Wash thoroughly after handling.
Ensure adequate ventilation.

Storage Requirements:

Keep container tightly closed.
Do not store in direct sunlight. Do not store at temperatures below 0 °C/32 °F or exceeding 50 °C/122 °F.
Store away from strong acids, strong bases or strong oxidizing agents.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

Personal Protective Equip:

Eye/face protection:

When using material use safety glasses and gloves according to HMIS PP, B, as a precaution. When using material at the General & Light-Duty dilutions recommended by SUN GOLD Mfg., use of safety glasses and gloves is not necessary, but may be used if desired. All safety equipment should be tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection:

Handle with gloves made from Neoprene, Nitrile or Buna rubber when handling concentrated material. When using material at the General & Light-Duty dilutions recommended by SUN GOLD Mfg., use of gloves is not necessary, but may be used if desired. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose of contaminated gloves according to applicable laws and laboratory practices.

Body Protection:

Chemically resistant gloves and safety glasses are recommended when handling concentrated material. When using material at the General & Light-Duty dilutions recommended by SUN GOLD Mfg., use of safety glasses and gloves is not necessary, but may be used if desired. Type of protective equipment should be selected based on concentration amount and conditions of use of this material.

Respiratory protection:

Not required. Full-face dust/vapor respirator may be required as backup to engineering controls when proper engineering controls are not in place to keep TLV and PEL limits below defined thresholds.

Control of environmental exposure:

Prevent leakage or spillage if safe to do so. If possible, do not let concentrated material enter drains; rinse away with excess water.



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Components with workplace control parameters:

Contains no substances with occupational exposure limits values.

Biological occupational exposure limits:

Contains no substances with biological occupational exposure limits values.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid	Odor:	Pleasant
Physical State:	Liquid	Molecular Formula:	MIXTURE
Odor Threshold:	Not determined	Solubility:	Soluble
Particle Size:	Not determined	Softening Point:	Not determined
Spec Grav./Density:	1.001 g/ml (8.35 lbs/gal)	Percent Volatile:	< 0.1%
Viscosity:	Not determined	Heat Value:	Not determined
Sat. Vap. Conc.:	Not determined	Freezing/Melting Pt.:	0 °C (32 °F)
Boiling Point:	100 °C (212 °F)	Flash Point:	DNA
Flammability:	(solid, gas): Not flammable	Octanol:	Not determined
Partition Coefficient:	Not determined	Vapor Density:	Not determined
Vapor Pressure:	Not determined	VOC:	0 g/l
pH:	@ 100%: 9.0 - 11.0	Bulk Density:	DNA
Evap. Rate:	Not determined	Auto-Ignition Temp:	Not determined
Molecular weight:	MIXTURE	UFL/LFL:	Not determined
Decomp Temp:	Not determined		

10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Incompatibilities, flames, ignition sources.
Materials to Avoid:	Strong acids, strong bases or strong oxidizing agents.
Hazardous Decomposition:	Carbon Oxides, Hydrogen Chloride gas, Phosphorus Oxides, Sodium Oxides and Sulfur Oxides.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Component(s): Sun Gold - General & Light-Duty Cleaning Concentrations
CAS No(s): N/A

Acute Toxicity: No data available.

Skin Corrosion/Irritation: Does not cause skin irritation.

Serious Eye Damage/Eye Irritation: Does not cause eye irritation.

Respiratory or Skin Sensitation: No data available.

Germ Cell Mutagenicity: Not mutagenic in Ames test.



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Carcinogenicity:

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 carcinogen or potential 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.

Specific Target Organ Toxicity - Single Exposure: No data available.

Specific Target Organ Toxicity - Repeated Exposure: No data available.

Aspiration Hazard: No data available.

Additional Information:

Component: Sun Gold - General & Light-Duty Cleaning Concentrationst; RTECS: N/A

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ECOLOGICAL INFORMATION

Component(s): Sun Gold - General & Light-Duty Cleaning Concentrations

CAS No(s): N/A

Toxicity:

Toxicity to fish:

No data available.

Toxicity to algae:

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in Soil:

Not required/conducted.

Results of PBT and vPvB assessment:

Not required/conducted.

Other Adverse Effects:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.



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13 DISPOSAL CONSIDERATIONS

Product: Hazardous wastes shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution, release into the environment or damage to people and animals. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of as unused product.

14 TRANSPORT INFORMATION

DOT (US)

Non-regulated material, liquid

IMDG

Non-regulated material, liquid

IATA

Non-regulated material, liquid

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

Sun Gold - General & Light-Duty Cleaning Concentrations - MASS, NJHS, PA, SARA311/312, TSCA

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
NJHS = New Jersey Right to Know Hazardous Substances
PA = PA Right-To-Know List of Hazardous Substances
SARA311/312 = SARA 311/312 Toxic Chemicals
TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

Disclaimer:

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that SUN GOLD Mfg. believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of SUN GOLD Mfg.'s control, SUN GOLD Mfg. makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.

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