

Trade name: Extreme Green Parts Cleaner

1 Identification of the substance/mixture and of the company/undertaking

• 1.1 Product identifier

• Trade name: Extreme Green Parts Cleaner ST-1245, ST-1205

• Article number: GL61

• 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

· Application of the substance / the preparation Basic Cleaner for degreasing machiery and automotive parts

Product dilution information: 1 oz. (29.57 mL) per 1 oz. (29.57 ml) of water for cold application.

1 oz. (29.57 mL) per 4 oz. (118 ml) of water for hot application

1 oz. (29.57 mL) per 10 oz.(296 ml) of water for power cleaning machines

1 oz. (29.57 ml) per 40 oz. (1.18 L.) of water for steam cleaners

- 1.3 Details of the supplier of the Safety Data Sheet
- Manufacturer/Supplier:

Stearns Packaging Corporation 4200 Sycamore Avenue (53714)

PO Box 3216

Madison, WI 53704-0216 Phone: 800-655-5008

Email: stearns@stearnspkg.com Website: www.stearnspkg.com • 1.4 Emergency telephone number:

ChemTel Inc.

(800)255-3924, +1 (813)248-0585

2 Hazards identification

• 2.1 Classification of the substance or mixture		
• Classification according to Regulation (EC) No 1272/2008	3	
Product as SOLD	Product at USE DILUTION	
(I) GHS07	Not classified.	
Skin Irrit. 2 H315 Causes skin irritation.	Not classified.	
Eye Irrit. 2A H319 Causes serious eye irritation.	Not classified.	
Classification according to Directive 67/548/EEC or Directive 1999/45/EC		
Xi; Irritant R36/38: Irritating to eyes and skin.	Not classified.	

• Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

The mixture does not meet the criteria for classification.

• Classification system:

The classification is according to the latest editions of the EU-lists and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists and is supplemented by information from technical literature and by information provided by the company.

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2.2 Label elements		
Product as SOLD	Product at USE DILUTION	
Labeling according to Regulation (EC) No 1272/2008		
The product is classified and labeled according to the CLP regulation.	The mixture does not meet the criteria for classification.	
· Hazard pictograms		
GHS07	None	
Signal word Warning	None	
Hazard statements		
H315 Causes skin irritation. H319 Causes serious eye irritation.	Avoid contact with eyes.	
Precautionary statements		
P280 Wear protective gloves/eye protection. P264 Wash hands thoroughly after handling. P305+351+338+337+313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. P302+362+353+332+313: IF ON SKIN: Wash skin with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: get medical advice/attention.		
Additional information:		

3 Composition/information on ingredients

• 3.2 Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 144538-83-0	Sodium Iminodisuccinate	<10%
	Xn R21/22	
CAS: 68439-46-3	alcohols, C9-11, ethoxylated	<5%
NLP: 500-446-0	Xi R36/38	
	Skin Irrit. 2, H315, Eye Irrit. 2A, H319	

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CAS: 68081-81-2	Dodecyl Benzyl Sulfonate	<2%
	Xi R36/37	
	Eye Irrit. 2A, H319; Skin Irrit. 2, H315; Oral Tox. 4, H302	
CAS: 68081-96-9	Ammonium lauryl sulfate	<2%
	Xi R36/37/38	
	Eye Irrit. 2A, H319; Skin Irrit. 2, H315	
CAS: 1300-72-7	sodium xylenesulphonate	<2%
EINECS: 215-090-9	Xi R36/37/38	
	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	
CAS: 94266-47-4	d-Limonene (citrus terpenes)	<1%
EC number: 304-454-3	Xi R36/37/38; Xi R43; N R51	
	R10	
	Flam. Lig. 3, H226	
	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317; STOT SE3, H335	

[•] Additional information: For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

• 4.1 Description of first aid measures		
Product as SOLD	Product at USE DILUTION	
After inhalation: Supply fresh air; consult doctor in case of complaints.	No special measures required. Treat symptomatically.	
After skin contact: Wash with water and rinse thoroughly. If skin irritation continues consult a doctor.	No known effect after skin contact. Rinse with water for a few minutes.	
After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist consult a doctor.	No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.	
After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.	Get medical attention if symptoms occur.	
• 4.2 Most important symptoms and effects both acute and delayed Gastric or intestinal disorders.		
Hazards No further relevant information available. No known effects.		
• 4.3 Indication of any immediate medical attention and special treatment needed		
If necessary oxygen respiration treatment. Medical supervision for at least 48 hours.	Treat symptomatically.	

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5 Fire-fighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- For safety reasons unsuitable extinguishing agents: None.
- 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

- 5.3 Advice for firefighters
- Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

• Additional information No further relevant information available.

6 Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures		
Product as SOLD	Product at USE DILUTION	
Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation	Use personal protective equipment as required.	
6.2 Environmental precautions:		
Do not allow to enter sewers/ surface or ground water.	Avoid contact of large amounts of spilled material and run off with soil and surface waterways.	
• 6.3 Methods and material for containment and cleaning up:		
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles. Ensure adequate ventilation.	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.	
• 6.4 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.	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

• 7.1 Precautions for safe handling		
Product as SOLD	Product at USE DILUTION	
Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.	Wash hands thoroughly after handling.	
Information about fire - and explosion protection:		
Protect from heat.	No precautions necessary.	

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• 7.2 Conditions for safe storage, including any inco	mpatibilities	
Storage:		
• Requirements to be met by storerooms and recepta	acles:	
Product as SOLD	Product at USE DILUTION	
Keep out of reach of children.	Keep out of reach of children.	
• Information about storage in one common storage	facility:	
Store away from oxidizing agents. Store away from foodstuffs.	Store away from oxidizing agents. Store away from foodstuffs.	
Further information about storage conditions:		
No storage precautions necessary. No storage precautions necessary.		
• 7.3 Specific end use(s)		
No further relevant information available.		

8 Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.

Product as SOLD	Product at USE DILUTION	
• 8.1 Control parameters		
• Ingredients with limit values that require monitoring at the	workplace:	
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. • DNELs No further relevant information available. • PNECs No further relevant information available. • Additional information: The lists valid during the making were used as basis.		
• 8.2 Exposure controls		
Personal protective equipment:		
General protective and hygienic measures:		
The usual precautionary measures are to be adhered to when handling chemicals. 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.	The usual precautionary measures are to be adhered to when handling chemicals. 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.	
Respiratory protection:		
Not required under normal conditions of use. Use suitable respiratory protective device in case of insufficient ventilation. NIOSH approved organic vapor respirator equipped with a dust/mist prefilter should be used.	Not required under normal conditions of use. Use suitable respiratory protective device in case of insufficient ventilation. NIOSH approved organic vapor respirator equipped with a dust/mist prefilter should be used.	

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• Protection of hands:		
Product as SOLD	Product at USE DILUTION	
Protective gloves	No protective equipment is needed under normal conditions.	
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.		
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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.	No protective equipment is needed under normal conditions.	
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.	No protective equipment is needed under normal conditions.	
• For the permanent contact gloves made of the following ma	aterials are suitable: Rubber gloves	
• Eye protection:		
Safety glasses	No protective equipment is needed under normal conditions.	
Body protection:		
Not required under normal conditions of use. Protection may be required for spills.	No protective equipment is needed under normal conditions.	
Limitation and supervision of exposure into the environme	nt	
No further relevant information available.	No further relevant information available.	
Risk management measures		
See Section 7 for additional information. No further relevant information available.	See Section 7 for additional information. No further relevant information available.	

9 Physical and chemical properties

	Product as SOLD	Product at USE DILUTION
• 9.1 Information on basic physical and chemical properties		
General Information		
Appearance:		
Form:	Liquid	Liquid
Color:	Green	Light green or colorless.
• Odor:	Citrus Terpene	Faint Citrus Terpene
Odor threshold:	Not determined.	Not determined.

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	Product as SOLD	Product at USE DILUTION
• pH-value at 25 °C:	9.5 ± 0.5	7.0 - 8.0
Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 212 °F / 100 °C	Undetermined. 212 °F / 100 °C
Flash point:	>210 °F / >98 °C	>210 °F / >98 °C
Flammability (solid, gaseous):	Not applicable.	Not applicable.
Ignition temperature:	Not determined.	Not determined.
Decomposition temperature:	Not determined.	Not determined.
Self-igniting:	Product is not self-igniting.	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.	Product does not present an explosion hazard.
• Explosion limits: Lower: Upper:	Not determined. Not determined.	Not determined. Not determined.
 Vapor pressure at 20 °C: Density at 20 °C: Relative density Vapor density Evaporation rate 	23 hPa 1.03 g/cm³ Not determined. Not determined. Not determined.	Not determined. Not determined. Not determined. Not determined.
Solubility in / Miscibility with water:	Fully miscible.	Complete
Partition coefficient (n-octanol/water):	Not determined.	Not determined.
Viscosity: Dynamic: Kinematic:	100 mPas Not determined.	Not determined.
• 9.2 Other information	No further relevant information available.	No further relevant information available.

10 Stability and reactivity

Product as SOLD

- 10.1 Reactivity Not determined.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

• 10.3 Possibility of hazardous reactions

Reacts with strong oxidizing agents.

Toxic fumes may be released if heated above the decomposition point.

- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: Strong oxidizing agents.
- 10.6 Hazardous decomposition products:

Possible in traces.

Carbon monoxide and carbon dioxide

Nitrogen oxides (NOx)

Sulphur oxides (SOx)

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11 Toxicological information

• 11.1 Information on toxicological effects			
Product as SOLD Product at USE DILUTION			
Acute toxicity: >5,000 mg/kg	Non-toxic at use-dilution.		
Primary irritant effect:			
on the skin: Irritant to skin and mucous membranes.	No adverse effects due to skin contact are expected.		
on the eye: Irritating effect.	Direct contact with eyes may cause temporary irritation.		
Sensitization: No sensitizing effects known.			
Additional toxicological information:			
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:			
Irritant At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.	Not classified No known significant effects or critical hazards.		

12 Ecological information

Product as SOLD

- 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes:

This statement was deduced from the properties of the single components.

Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- · vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.
- PBT: Not applicable.
- vPvB: Not applicable.

13 Disposal considerations

• 13.1 Waste treatment methods			
Product as SOLD	Product at USE DILUTION		
Recommendation			
Smaller quantities can be disposed of with household waste. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.		

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Uncleaned packaging:	
Product as SOLD	Product at USE DILUTION
Recommendation: Disposal must be made according to official regulations.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
 Recommended cleansing agents: Water, if necessary together with cleansing agents. 	

14 Transport information	
Product as SOLD	
• 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA	N/A
• 14.2 UN proper shipping name • DOT, ADR, ADN, IMDG, IATA	Cleaning Compounds, NOI, liquid.
• 14.3 Transport hazard class(es)	
• DOT, ADR, ADN, IMDG, IATA • Class	N/A
• 14.4 Packing group • DOT, ADR, IMDG, IATA	N/A
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	Cleaning Compounds, NOI, liquid.
Product at USE DILUTION Not intended for transport.	

15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- · SARA

Product as SOLD	Product at USE DILUTION	
Section 355 (extremely hazardous substances):		
None of the ingredients is listed.	None of the ingredients is listed.	
Section 313 (Specific toxic chemical listings):		
None of the ingredients is listed.	None of the ingredients is listed.	
TSCA (Toxic Substances Control Act):		
All ingredients are listed.	All ingredients are listed.	

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Product as SOLD		Product at USE DILUTION		
• Proposition 65 (Ca	alifornia):			
 Chemicals known 	to cause cancer:			
None of the ingred	ients is listed.	None of the ingredients is listed.		
• Chemicals known	to cause reproductive toxicity for fema	ales:		
None of the ingred	ients is listed.	None of the ingredients is listed.		
• Chemicals known	to cause reproductive toxicity for male	25:		
None of the ingred	ients is listed.	None of the ingredients is listed.		
 Chemicals known 	to cause developmental toxicity:			
	s specifically to alcoholic beverage s not applicable for product.			
64-17-5	ethanol	Not applicable.		
Carcinogenic Cate	egories			
• EPA (Environmen	tal Protection Agency)			
None of the ingredients is listed. None of the ingredients is listed.		None of the ingredients is listed.		
• IARC (International	al Agency for Research on Cancer)			
None of the ingred	ients is listed.	None of the ingredients is listed.		
• TLV (Threshold Li	mit Value established by ACGIH)			
None of the ingred	ents is listed.	None of the ingredients is listed.		
• NIOSH-Ca (Nation	al Institute for Occupational Safety and	I Health)		
None of the ingred	ents is listed.	None of the ingredients is listed.		
• OSHA-Ca (Occupa	ational Safety & Health Administration)			
All ingredients are	listed.	All ingredients are listed.		
• Canada				
• Canadian Domest	ic Substances List (DSL)			
All ingredients are listed.		All ingredients are listed.		
• Canadian Ingredie	ent Disclosure list (limit 0.1%)			
64-17-5	ethanol	Not applicable.		
• Canadian Ingredie	ent Disclosure list (limit 1%)			
None of the ingred	ents is listed	None of the ingredients is listed.		

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

....,

R10 Flammable.

R21/22 Harmful in contact with skin and if swallowed. R36/37/38 Irritating to eyes, respiratory system and skin.

R38 Irritating to skin.

R43 May cause sensitization by skin contact.

R51 Toxic to aquatic organisms.

Product as SOLD		Product at USE DILUTION			
Hazardous Material II	nformation	System (U.S.A.)			
Health	2		Health	0	
Flammability	0		Flammability	0	
Physical hazards	0		Physical hazards	0	
4=Very High; 3=High; 2=Mod	derate; 1=Slig	ht; 0=Insignificant	4=Very High; 3=High; 2=Mod	derate; 1=Slig	ght; 0=Insignificant

• NFPA ratings (scale 0 - 4)



Health =2

Fire = 0

Reactivity = 0



Health = 0

Fire = 0

Reactivity = 0

SDS File Name: GL61 EXTREME GREEN PARTS. SDS

DOT Shipping Name: Cleaning Compounds, NOI, liquid. Item 48580, Sub 3, Class 55

NSF Certified:

EPA/DfE Recognized: No

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

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)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

• Sources

SDS Prepared by:

JBE/CML

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