

Trade name: Jungle Jake [®] Cleaner Degreaser		
1 Identification of the substance/mixture and	of the company/undertaking	
1.1 Product identifier		
• Trade name: Jungle Jake® Cleaner Degreaser ST-31, ST-	34, ST-78, ST-1815, ST-1396	
Article number: GL60		
• 1.2 Relevant identified uses of the substance or mixture and No further relevant information available.	d uses advised against	
Application of the substance / the preparation Basic Cleaner		
Product dilution information: 1 oz. (29.57 mL) per 32 oz. (1 L 1 oz. (29.57 mL) per 1 gal. (4 L 1 oz. (29.57 mL) per 2 gal. (8 L) of water for scrubbing.	
 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		
Product as SOLD	Product at USE DILUTION	
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.		
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		
The classification is in accordance with the latest editions of in information from technical literature and by information provid	ed 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	
$\langle i \rangle$	None
GHS07	
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. 	Keep out of reach of children. Wear protective eyewear if eye contact is possible.

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	<5%
	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 R36/37/38ethanol	
	• 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. Liq. 3, H226	
	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1B, H317; STOT SE3, H335	

4 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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. 7.0 Conditions for onfo stars including any incompatibi	(Contd. from pag
 7.2 Conditions for safe storage, including any incompatibi Storage: 	lities
Requirements to be met by storerooms and receptacles:	
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.	

• 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 materi workplace. DNELs No further relevant information available. PNECs No further relevant information available. Additional information: The lists valid during the making were 		
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:	(Contd. from
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 environment	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	
ical and chemical properties	·	
Liquid	Liquid	
Green	Light green or colorless.	
Eucalyptus scent	Eucalyptus scent	
Not determined.	Not determined.	
	Product as SOLD ical and chemical properties Liquid Green Eucalyptus scent	

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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: 	23 hPa	Not determined.
 Density at 20 °C: Relative density Vapor density Evaporation rate 	1.03 g/cm ³ 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 Non-toxic at use-dilution. • Acute toxicity: >5,000 mg/kg • 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 Not classified At long or repeated contact with skin it may cause dermatitis No known significant effects or critical hazards. due to the degreasing effect of the solvent.

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.

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):		
7664-93-9	sulphuric acid	Not applicable.
Section 313 (S	pecific toxic chemical listings):	
None of the ingredients is listed.		None of the ingredients is listed.
• TSCA (Toxic S	ubstances Control Act):	
All ingredients are listed.		All ingredients are listed.

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Product as SOLD	Product at USE DILUTION	
Proposition 65 (California):	· · · · · · · · · · · · · · · · · · ·	
Chemicals known to cause cancer:		
None of the ingredients is listed.	None of the ingredients is listed.	
Chemicals known to cause reproductive toxicity for females:		
None of the ingredients is listed.	None of the ingredients is listed.	
Chemicals known to cause reproductive toxicity for males:		
None of the ingredients is listed.	None of the ingredients is listed.	
 Chemicals known to cause developmental toxicity: 		
Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.		
64-17-5 ethanol	Not applicable.	
Carcinogenic Categories		
EPA (Environmental Protection Agency)		
None of the ingredients is listed.	None of the ingredients is listed.	
IARC (International Agency for Research on Cancer)		
None of the ingredients is listed.	None of the ingredients is listed.	
TLV (Threshold Limit Value established by ACGIH)		
None of the ingredients is listed.	None of the ingredients is listed.	
NIOSH-Ca (National Institute for Occupational Safety and Health	h)	
None of the ingredients is listed.	None of the ingredients is listed.	
OSHA-Ca (Occupational Safety & Health Administration)		
All ingredients are listed.	All ingredients are listed.	
• Canada		
Canadian Domestic Substances List (DSL)		
All ingredients are listed.	All ingredients are listed.	
Canadian Ingredient Disclosure list (limit 0.1%)		
64-17-5 ethanol	Not applicable.	
Canadian Ingredient Disclosure list (limit 1%)		
None of the ingredients is listed.	None of the ingredients is listed.	
• 15.2 Chemical safety assessment: A Chemical Safety Assessment h	has not been carried out.	

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16 Other i	nformation	
This informat	ion is based on our present knowledge. However	, this shall not constitute a guarantee for any specific product
	shall not establish a legally valid contractual relat	ionship.
Relevant phi		
H226	Flammable liquid and vapor.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
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.	
R41	Risk of serious damage to eyes.	
R43	May cause sensitization by skin contact.	
R51	Toxic to aquatic organisms.	
	Product as SOLD	Product at USE DILUTION
		Product at USE DILUTION
• Hazardous	Material Information System (U.S.A.)	
Health	2	Health 0
Flammability	0	Flammability 0
Physical haz		Physical hazards 0
Filysical flaz		
4=Very High; 3	High; 2=Moderate; 1=Slight; 0=Insignificant	4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant
NFPA rating	s (scale 0 - 4)	
	Health = 2	Health = 0
0	Fire = 0	• Fire = 0
2		
	Reactivity = 0	Reactivity = 0
DOT Shipping M NSF Certified: E EPA/DfE Recog ADDreviation: ADR: Accord eur Goods by Road) IMDG: Internatio DOT: US Depart IATA: Internation GHS: Globally H ACGIH: America EINECS: Europe	nized: Yes s and acronyms: opéen sur le transport des marchandises dangereuses par Rou nal Maritime Code for Dangerous Goods ment of Transportation al Air Transport Association armonized System of Classification and Labeling of Chemicals n Conference of Governmental Industrial Hygienists an Inventory of Existing Commercial Chemical Substances	lass 55 ute (European Agreement concerning the International Carriage of Dangerous
CAS: Chemical A NFPA: National f HMIS: Hazardou WHMIS: Workpla DNEL: Derived N PNEC: Predicted Sources SDS Prepared b ChemTel Inc. 1305 North Florit Tampa, Florida L Toll Free North A	da Avenue	