

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 01/19/2015

TECHNICAL CONCEPTS Da	ate of issue: 01/19/2015
SECTION 1: Identification of the	e substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	: AJAN BIOFLUSH
Product code	: 1795036
SKU #	: FG400055
1.2. Relevant identified uses of the	e substance or mixture and uses advised against
Use of the substance/mixture	: For professional use only
	Container fitted with a sealed spray attachment Detergent Odour agents
1.3. Details of the supplier of the s	safety data sheet
Rubbermaid Commercial Products LLC 3124 Valley Avenue Winchester, VA 22601-2694 - USA T (540) 6678700 www.rubbermaidcommercial.com	
1.4. Emergency telephone number	r
Emergency number	: 24-Hour Emergency: INFOTRAC: 1-800535-5063
SECTION 2: Hazards identificat	ion
2.1. Classification of the substance	e or mixture
GHS-US classification	
Flam. Liq. 3 H226 Eye Dam. 1 H318 Skin Sens. 1 H317	
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labelling	
Hazard pictograms (GHS-US)	GHS02 GHS05 GHS07
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	 Eurigei H226 - Flammable liquid and vapour H317 - May cause an allergic skin reaction H318 - Causes serious eye damage
Precautionary statements (GHS-US)	: P210 - Keep away from heat, hot surfaces, open flames, sparks No smoking P280 - Wear protective gloves
	P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
2.3. Other hazards	
No additional information available	
2.4. Unknown acute toxicity (GHS	US)
Not applicable	

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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Name	Product identifier	%	GHS-US classification
C9-11 Alcohol Ethoxylate	(CAS No) 68439-49-3	1 - 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Alcohol	(CAS No) 64-17-5	1 - 10	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
ISOPROPYL ALCOHOL	(CAS No) 67-63-0	1 - 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312
Neodol 91-6		1 - 10	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist) H332
EUCALYPTOL	(CAS No) 470-82-6	0,1 - 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Sens. 1, H317 Aquatic Chronic 2, H411
a-METHYLCINNAMALDEHYDE	(CAS No) 101-39-3	0,1 - 1	Skin Sens. 1, H317
EUGENOL	(CAS No) 97-53-0	0,1 - 1	Eye Irrit. 2A, H319 Skin Sens. 1, H317
CINNAMAL	(CAS No) 104-55-2	0,1 - 1	Acute Tox. 4 (Dermal), H312 Skin Sens. 1, H317
LIMONENE	(CAS No) 5989-27-5	< 0,1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
L-BETA-PINENE	(CAS No) 18172-67-3	< 0,1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
PINENES	(CAS No) 127-91-3	< 0,1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
GAMMA-TERPINENE	(CAS No) 99-85-4	< 0,1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Asp. Tox. 1, H304
MYRCENE	(CAS No) 123-35-3	< 0,1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304
BETA-CARYOPHYLLENE	(CAS No) 87-44-5	< 0,1	Asp. Tox. 1, H304

Full text of H-phrases: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measure	25
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. 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. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and	effects, both acute and delayed
Symptoms/injuries after inhalation	: May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Causes serious eye damage.
4.3. Indication of any immediate me	edical attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measure	es
5.1. Extinguishing media	
Suitable extinguishing media	· Foam Dry powder, Carbon dioxide, Sand

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5.2. Special hazards arising from the su	ibstance or mixture
Fire hazard	: Highly flammable liquid and vapour.
Explosion hazard	: May form flammable/explosive vapour-air mixture.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release mea	sures
6.1. Personal precautions, protective ed	uipment and emergency procedures
General measures	: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Notif	y authorities if liquid enters sewers or public waters.
6.3. Methods and material for containm	ent and cleaning up
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4. Reference to other sections	
See Heading 8. Exposure controls and personal	protection.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Use only non-sparking tools.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, include	ng any incompatibilities
Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Heat sources, Ignition sources.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight. Heat sources.
7.3. Specific end use(s)	
No additional information available	

SECT	ION 8	: Exp	osure conti	rols/per	sonal pr	otection	

B.1. Control pa	arameters		
AJAN BIOFLUSH			
ACGIH	Not applicable		
OSHA	Not applicable		
C9-11 Alcohol Eth	noxylate (68439-49-3)		
ACGIH	Not applicable		
OSHA	Not applicable		
Alcohol (64-17-5)			
ACGIH	ACGIH STEL (ppm)	1000 ppm	
ACGIH	Remark (ACGIH)	URT irr	
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Alcohol (64-17-5)		
OSHA	OSHA PEL (TWA) (mg/m ³)	1900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
ISOPROPYL ALCOHO	PL (67-63-0)	
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	400 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr; CNS impair
OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm
Neodol 91-6		
ACGIH	Not applicable	
OSHA	Not applicable	
EUCALYPTOL (470-82	2-6)	
ACGIH	Not applicable	
OSHA	Not applicable	
a-METHYLCINNAMAL	DEHYDE (101-39-3)	
ACGIH	Not applicable	
OSHA	Not applicable	
EUGENOL (97-53-0)		
ACGIH	Not applicable	
OSHA	Not applicable	
CINNAMAL (104-55-2)		
ACGIH	Not applicable	
OSHA	Not applicable	
LIMONENE (5989-27-5	5)	
ACGIH	Not applicable	
OSHA	Not applicable	
L-BETA-PINENE (1817	72-67-3)	
ACGIH	Not applicable	
OSHA	Not applicable	
PINENES (127-91-3)		
ACGIH	Not applicable	
OSHA	Not applicable	
GAMMA-TERPINENE	(99-85-4)	
ACGIH	Not applicable	
OSHA	Not applicable	
MYRCENE (123-35-3)		
ACGIH	Not applicable	
OSHA	Not applicable	
BETA-CARYOPHYLLE	ENE (87-44-5)	
	N	
ACGIH	Not applicable	

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8.2. Exposure controls	
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: None under normal use.
Respiratory protection	: None under normal use.
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

chemical properties
: Liquid
: Colourless
: characteristic
: No data available
: 4,2 - 5,2
: No data available
: 120 °F (49°C)
: No data available

9.2. Other information
No additional information available

SECT	FION 10: Stability and reactivity	
10.1.	Reactivity	

No additional information available

10.2. Chemical stability

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

: Not classified

Acute toxicity	: Not classified	
C9-11 Alcohol Ethoxylate (68439-49-3)		
ATE US (oral)	500,000 mg/kg bodyweight	
Alcohol (64-17-5)		
LD50 oral rat	7060 mg/kg	
LD50 dermal rabbit	> 16000 mg/kg	
LC50 inhalation rat (mg/l)	> 20 mg/l/4h	
ATE US (oral)	7060,000 mg/kg bodyweight	
ISOPROPYL ALCOHOL (67-63-0)		
LD50 oral rat	2000 mg/kg	
LD50 dermal rat	2000 mg/kg	
ATE US (oral)	2000,000 mg/kg bodyweight	
ATE US (dermal)	2000,000 mg/kg bodyweight	
, , , , , , , , , , , , , , , , , , ,	2000,000 mg/kg bodyweight	
Neodol 91-6	200 2000	
LD50 oral rat	200 - 2000 mg/kg	
LD50 dermal rat	> 2000	
LC50 inhalation rat (mg/l)	5 mg/l	
ATE US (oral) ATE US (vapours)	200,000 mg/kg bodyweight 5,000 mg/l/4h	
ATE US (dust,mist)	5,000 mg/l/4h	
EUCALYPTOL (470-82-6)		
ATE US (oral)	500,000 mg/kg bodyweight	
ATE US (dermal)	1100,000 mg/kg bodyweight	
CINNAMAL (104-55-2)		
LD50 oral rat	2500 mg/kg	
LD50 dermal rat	1100 mg/kg	
ATE US (oral)	2500,000 mg/kg bodyweight	
ATE US (dermal)	1100,000 mg/kg bodyweight	
Skin corrosion/irritation	: Not classified	
	pH: 4,2 - 5,2	
Serious eye damage/irritation	: Causes serious eye damage.	
Schous eye damage/imation	pH: 4,2 - 5,2	
Respiratory or skin sensitisation	: May cause an allergic skin reaction.	
Germ cell mutagenicity	: Not classified	
- ·		
Carcinogenicity	: Not classified	
	· Not clossified	
Reproductive toxicity	: Not classified	
Specific target organ toxicity (single exposure)	: Not classified	
Specific target organ toxicity (repeated exposure)	: Not classified	
Aspiration hazard	: Not classified	
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Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Causes serious eve damage.

12.1. Toxicity

Alcohol (64-17-5)	
LC50 fish 1	13000 mg/l
EC50 Daphnia 1	9300 mg/l
EC50 other aquatic organisms 1	275 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	5012 mg/l IC50 algea (72 h) mg/l
ISOPROPYL ALCOHOL (67-63-0)	
LC50 fish 1	100 mg/l
EC50 Daphnia 1	100 mg/l
EC50 other aquatic organisms 1	> 1000 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	13299 mg/l IC50 algea (72 h) mg/l
Neodol 91-6	
LC50 fish 1	1 - 10 mg/l
EUGENOL (97-53-0)	
LC50 fish 1	5,6 mg/l
EC50 other aquatic organisms 1	15,4 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	1,9 mg/l IC50 algea (72 h) mg/l
CINNAMAL (104-55-2)	
LC50 fish 1	4,3 mg/l
EC50 other aquatic organisms 1	6,87 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	3,86 mg/l IC50 algea (72 h) mg/l

2.2. Persistence and degradability		
AJAN BIOFLUSH		
Persistence and c	legradability	Not established.
Alcohol (64-17-5)		
Persistence and c	legradability	Not established.

12.3. Bioaccumulative potential		
AJAN BIOFLUSH		
Bioacc	umulative potential	Not established.
Alcohol (64-17-5)		
Bioacc	umulative potential	Not established.

Mobility in soil 12.4.

No additional information available

12.5.	Other adverse effects		
Effect o	n ozone layer	:	
Effect c	n the global warming	: No known ecological damage caused by this product.	
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Other information	: Avoid release to the environment.
SECTION 13: Disposal consideration	S
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	
In accordance with DOT	
Transport document description	: UN1987 Alcohols, n.o.s. (CONTAINS ; Alcohol(64-17-5) ; ISOPROPYL ALCOHOL(67-63-0)), 3, III
UN-No.(DOT)	: UN1987
Proper Shipping Name (DOT)	: Alcohols, n.o.s.
	CONTAINS ; Alcohol(64-17-5) ; ISOPROPYL ALCOHOL(67-63-0)
Department of Transportation (DOT) Hazard Classes	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT)	: 3 - Flammable liquid
Packing group (DOT)	: III - Minor Danger
DOT Special Provisions (49 CFR 172.102)	: 172 - This entry includes alcohol mixtures containing up to 5% petroleum products.
	 B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HD2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T4 - 2.65 178.274(d)(2) Normal
DOT Packaging Exceptions (49 CFR 173.xxx)	: 4b;150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 220 L
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
Additional information	
Other information	: No supplementary information available.
ADR	
Transport document description	: UN 1987 ALCOHOLS, N.O.S. (CONTAINS ; Alcohol(64-17-5) ; ISOPROPYL ALCOHOL(67-63-
	0)), 3, II, (D/E)
Packing group (ADR)	: II
Class (ADR)	: 3 - Flammable liquid
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: 33
: F1
: 3 - Flammable liquids
33 1987
: D/E : 1I
: E2
 1987 ALCOHOLS, N.O.S. 3 - Flammable liquids III - substances presenting low danger
: 1987
: Alcohols, n.o.s.
: 3 - Flammable Liquids
: III - Minor Danger
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L-BETA-PINENE (18172-67-3)

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Not listed on the United States SARA Section 313 Listed on the United States TSCA (Toxic Substances Control Act) inventory
PINENES (127-91-3)
Not listed on the United States SARA Section 313 Listed on the United States TSCA (Toxic Substances Control Act) inventory
GAMMA-TERPINENE (99-85-4)
Not listed on the United States SARA Section 313 Listed on the United States TSCA (Toxic Substances Control Act) inventory
MYRCENE (123-35-3)
Not listed on the United States SARA Section 313 Listed on the United States TSCA (Toxic Substances Control Act) inventory
BETA-CARYOPHYLLENE (87-44-5)
Not listed on the United States SARA Section 313

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA No additional information available

EU-Regulations No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3 H226 Eye Dam. 1 H318 Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

15.2.2. National regulations

15.3. US State regulations

Alcohol (64-17-5)

U.S. -New York - RTK list Hazardous Substances

ISOPROPYL ALCOHOL (67-63-0)

U.S. -New York - RTK list Hazardous Substances

SECTION 16: Other information

Other information

: None.

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Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Catego 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Catego 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

SDS US GHS HazCom 2012 newell

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product