

SURE SHOT NEUTRAL/MULTIPURPOSE CLEANER

Section 1. Identification

Product name : SURE SHOT NEUTRAL/MULTIPURPOSE CLEANER
Other means of identification : -
Recommended use of the chemical : Surface cleaner

Product dilution information : Up to 0.25% in water

Supplier's details : Ecolab Ltd
 2 Daniel Place, Te Rapa, Hamilton, New Zealand
 Customer Service Phone +64 7 958 2319
 Fax number +64 7 958 2361

Emergency telephone number : 0800 243 622 (0800 CHEMCALL)

Date of issue : 10-November-2010

Section 2. Hazards identification

Product AS SOLD
HSNO Classification : 9.1 - AQUATIC ECOTOXICITY - Category C

Product AT USE DILUTION

Not classified.

Product AS SOLD

This material is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and has been classified according to the Hazardous Substances (Classifications) Regulations 2001.

This material is classified as a dangerous good according to criteria in New Zealand Standard 5433:2007 Transport of Dangerous Goods on Land.

GHS label elements

Product AS SOLD

Signal word : No signal word.
Hazard statements : Harmful to aquatic life with long lasting effects.
Precautionary statements
Prevention : Avoid release to the environment.
Response : Not applicable.
Storage : Not applicable.
Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Product AT USE DILUTION

No signal word.
 No known significant effects or critical hazards.
 Read label before use. Keep out of reach of children. If medical advice is needed: Have product container or label at hand.
 Not applicable.
 Not applicable.
 Not applicable.

Section 3. Composition/information on ingredients

Product AS SOLD

Ingredient name	%	CAS number
dipropylene glycol methyl ether	5 - 20	34590-94-8
ethanol	1 - 5	64-17-5
urea	1 - 5	57-13-6
alcohols, c12-15, ethoxylated propoxylated	1 - 5	68551-13-3

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 3. Composition/information on ingredients

Product AT USE DILUTION

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4. First-aid measures

Description of necessary first aid measures

	Product AS SOLD	Product AT USE DILUTION
Inhalation	: If inhaled, remove to fresh air.	If inhaled, remove to fresh air.
Ingestion	: Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.	Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.
Skin contact	: In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse. Remove contaminated clothing and shoes.	In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation occurs. Wash clothing before reuse.
Eye contact	: In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation persists.	In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.
Notes to physician	: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	

See toxicological information (section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable	: Use water spray, fog or foam.
Specific hazards arising from the chemical	: In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides
Special precautions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
Personal precautions, protective equipment and emergency procedures	: Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.	Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.
Environmental precautions	: May be harmful to the environment if released in large quantities. Do not allow to enter drains or watercourses. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Methods and materials for containment and cleaning up

Section 6. Accidental release measures

<p>Small spill:</p>	<p>: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.</p>	<p>Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.</p>
<p>Large spill</p>	<p>: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see section 1 for emergency contact information and section 13 for waste disposal.</p>	<p>Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.</p>

Section 7. Handling and storage

<p>Precautions for safe handling</p>	<p>Product AS SOLD</p> <p>: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.</p>	<p>Product AT USE DILUTION</p> <p>Wash thoroughly after handling.</p>
<p>Conditions for safe storage, including any incompatibilities</p>	<p>: Keep out of reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.</p> <p>Do not store above the following temperature: 45°C</p>	<p>Keep out of reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.</p>

Section 8. Exposure controls/personal protection

Control parameters

Product AS SOLD

Occupational exposure limits

Ingredient name	Exposure limits
dipropylene glycol methyl ether	<p>NZ OSH (New Zealand, 1/2002). Absorbed through skin.</p> <p>WES-STEL: 909 mg/m³ 15 minute(s). WES-STEL: 150 ppm 15 minute(s). WES-TWA: 606 mg/m³ 8 hour(s). WES-TWA: 100 ppm 8 hour(s).</p>
ethanol	<p>NZ OSH (New Zealand, 1/2002).</p> <p>WES-TWA: 1880 mg/m³ 8 hour(s). WES-TWA: 1000 ppm 8 hour(s).</p>

<p>Recommended monitoring procedures</p>	<p>: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.</p>
<p>Environmental exposure controls</p>	<p>: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.</p>

Section 8. Exposure controls/personal protection

	Product AS SOLD	Product AT USE DILUTION
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection measures		
Respiratory protection	: A respirator is not needed under normal and intended conditions of product use.	A respirator is not needed under normal and intended conditions of product use.
Hand protection	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
Eye protection	: Wear eye protection.	No protective equipment is needed under normal use conditions.
Skin protection	: No protective equipment is needed under normal use conditions.	No protective equipment is needed under normal use conditions.
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.	

Section 9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
Physical state	: Liquid.	Liquid.
Colour	: Amber.	Amber. [Light]
Odour	: citrus	citrus
pH	: 7 to 8 (100%)	6 to 8
Flash point	: > 100°C	> 100°C
Boiling point	: >100°C (>212°F)	
Vapour pressure	: Not available.	
Vapour density	: Not available.	
Relative density	: 1.04 to 1.08	
Solubility	: Easily soluble in the following materials: cold water and hot water.	

Section 10. Stability and reactivity

Chemical stability	: The product is stable.
Conditions to avoid	: No specific data.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on the likely routes of exposure

	Product AS SOLD	Product AT USE DILUTION
Inhalation	: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.	No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.	No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.	No known significant effects or critical hazards.
Eye contact	: No known significant effects or critical hazards.	No known significant effects or critical hazards.

Product AS SOLD

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure

Section 11. Toxicological information

ethanol	LC50 Inhalation Vapour	Rat	124700 mg/m ³	4 hours
	LD50 Oral	Rat	7 g/kg	-
urea	LD50 Oral	Rat	8471 mg/kg	-
alcohols, c12-15, ethoxylated propoxylated	LD50 Oral	Rat	>2000 mg/kg	-

Potential chronic health effects

- Carcinogenicity** : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity : This material is harmful to aquatic life with long lasting effects.

Product AT USE DILUTION

No known significant effects or critical hazards.

Product AS SOLD

Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
ethanol	Acute LC50 >100 mg/L	Fish	96 hours
	Acute LC50 13000 mg/L	Fish	96 hours
urea	Acute EC50 3910 mg/L	Daphnia	48 hours
	Acute LC50 17500 mg/L	Fish	96 hours
alcohols, c12-15, ethoxylated propoxylated	Acute EC50 1 mg/L	Daphnia	48 hours
	Acute IC50 0.1 to 1 mg/L	Algae	72 hours
	Acute LC50 1 to 10 mg/L	Fish	96 hours

Persistence/degradability

Not available.

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Section 13. Disposal considerations

Product AS SOLD

Disposal methods : The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Product AT USE DILUTION

The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Product AS SOLD

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Regulatory information	UN number	Proper shipping name	Classes	PG*	Additional information
New Zealand Class NZS 5433	Not regulated.	-	-	-	-
IMDG Class	Not regulated.	-	-	-	-

PG* : Packing group

Special Safety Measures and Conditions: During transport, avoid direct sunlight, container damage, corrosion, loading to ensure that all work will be done to ensure the prevention of collapse of cargo.

See shipping documents for specific transportation information.

Product AT USE DILUTION

Not intended for transport.

Section 15. Regulatory information

Product AS SOLD

HSNO Approval Number : HSR002530

HSNO Group Standard : Cleaning Products (Subsidiary Hazard) Group Standard 2006

HSNO Classification : 9.1 - AQUATIC ECOTOXICITY - Category C

New Zealand Inventory of Chemicals (NZIoC) : All components are listed or exempted.

Safety, health and environmental regulations specific for the product : Hazardous Substance Location trigger quantity :N/A
Approved Handler trigger quantity :N/A
Secondary containment trigger quantity :1000L
Signage trigger quantity : 1000L

Emergency Response Plan trigger quantity: 1000L

The trigger quantities above must take into account any other hazardous substances that are present at that location.

Product AT USE DILUTION

Not classified.

Section 16. Other information

History

Date of previous issue : No previous validation.

Version : 1

Prepared by : Regulatory Affairs

References : NZS 5433:2007 Transport of Dangerous Goods on Land
Land Transport (Dangerous Goods) Rule 45001:2005
Hazardous Substances Regulations 2001:

- Minimum Degrees of Hazard
- Classification
- Classes 1 to 5 Controls
- Classes 6, 8 and 9 Controls
- Packaging Regulations
- Identification Regulations
- Disposal Regulations
- Emergency Management

Health and Safety in Employment Regulations 1995

User Guide to the HSNO Thresholds and Classifications

OSH Workplace Exposure Standards January 2002

NZCIC Approved Code of Practice – Preparation of Safety Data Sheets

Signage for premises storing hazardous substances and dangerous goods

Indicates information that has changed from previously issued version.

Notice to reader

Section 16. Other information

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**