



WOOD WYANT

Material Safety Data Sheet

WHMIS	TDG Road/Rail	Health Hazard *	2
		Fire Hazard	1
		Reactivity	1
		Personal Protection	B

1. Product and company identification

Product name : SUPER STRIPPER PLUS **Code** : 03-12205
Date of issue (yyyy/mm/dd) : 2015-05-04. **Material uses** : Other non-specified industry: Industrial and professional Floor care product
Supplier : Wood Wyant **Manufacturer** : Wood Wyant
 A division of Sani-Marc Group A division of Sani-Marc Group
 42, rue de l'Artisan 42, rue de l'Artisan
 Victoriaville, Québec Victoriaville, Québec
 G6P 7E3 G6P 7E3

In case of emergency **Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)**

2. Hazards identification

Potential hazards described in this section are not expected when manufacturer's direction for use and proper security measures are observed.

Physical state : Liquid. [Limpid liquid] **Odor** : solvent
Emergency overview : **DANGER!**
 Combustible liquid. Corrosive to eyes and skin. Causes burns. May be harmful if swallowed. Keep away from heat, sparks and flame. Do not breathe vapor or mist. Do not ingest. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.
Routes of entry : Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects
Inhalation : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Ingestion : Harmful if swallowed. May cause burns to mouth, throat and stomach.
Skin : Corrosive to the skin. Causes burns.
Eyes : Corrosive to eyes. Causes burns.
 See toxicological information (Section 11) for more details.

3. Composition/information on ingredients

Name	CAS number	% (w/w)
2-butoxyethanol	111-76-2	10 - 30
2-aminoethanol	141-43-5	5 - 10
sodium hydroxide	1310-73-2	1 - 5

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.

4. First aid measures

Eye contact : Check for and remove any contact lenses. Flush eyes with water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists or if symptoms develop.
Skin contact : In case of contact, flush with water. Get medical attention if irritation develops.
Inhalation : There are no specific inhalation hazard associated with this product when directions for uses are followed. No specific measures required.
Ingestion : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

5. Fire-fighting measures

Flammability of the product : Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
Extinguishing media
Suitable : Use dry chemical, CO₂, water spray (fog) or foam.
Not suitable : Do not use water jet.
Special exposure hazards : 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

5. Fire-fighting measures

Hazardous thermal decomposition products

Decomposition products may include the following materials:

carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
metal oxide/oxides

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.

6. Accidental release measures

Personal precautions

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flames, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.

Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach 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 spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and storage

Handling : Suggested personal protection equipment should be worn at all time when handling the product. Handle in accordance with manufacturer direction for uses. Avoid contact with eye or skin.

Storage : Store product in a dry, cool ventilated area. Protect from freezing. Keep out of reach of children.

8. Exposure controls/personal protection

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			Notations
Ingredient	List name	ppm	mg/m ³	Other	ppm	mg/m ³	Other	ppm	mg/m ³	Other	
sodium hydroxide	US ACGIH 4/2014	-	-	-	-	-	-	-	2	-	[3]
	AB 4/2009	-	-	-	-	-	-	-	2	-	
	BC 4/2014	-	-	-	-	-	-	-	2	-	
	ON 1/2013	-	-	-	-	-	-	-	2	-	
	QC 1/2014	-	-	-	-	2	-	-	-	-	
2-aminoethanol	US ACGIH 4/2014	3	7.5	-	6	15	-	-	-	-	[3]
	AB 4/2009	3	7.5	-	6	15	-	-	-	-	
	BC 4/2014	3	-	-	6	-	-	-	-	-	
	ON 1/2013	3	7.5	-	6	15	-	-	-	-	
	QC 1/2014	3	7.5	-	6	15	-	-	-	-	
2-butoxyethanol	US ACGIH 4/2014	20	-	-	-	-	-	-	-	-	[3]
	AB 4/2009	20	97	-	-	-	-	-	-	-	
	BC 4/2014	20	-	-	-	-	-	-	-	-	
	ON 1/2013	20	-	-	-	-	-	-	-	-	
	QC 1/2014	20	97	-	-	-	-	-	-	-	
[1]Absorbed through skin. [3]Skin sensitization											[1]

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures : No specific monitoring measures required.

Engineering measures : General room ventilation is adequate for the use of the product. No additional ventilation is required.

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.

Personal protection

Respiratory : No specific respiratory protection required.

Hands : It is suggested to wear chemical impervious gloves when handling or using the product.

Eyes : It is suggested to wear safety glasses when handling or using the product.

Skin : No specific measure required.

9. Physical and chemical properties

Physical state	: Liquid. [Limpid liquid]	Molecular formula	: Not applicable.	Flammable limits	: Not available.
Color	: Peach	Molecular weight	: Not applicable.	Burning rate	: Not applicable.
Odor	: solvent	Vapor pressure	: Not available.	Burning time	: Not applicable.
Relative density	: Not available.	Vapor density	: Not available.	Critical temperature	: Not available.
pH	: 13.25	Volatility	: Not available.	Auto-ignition temperature	: Not available.
Viscosity	: Not available.	Evaporation rate	: Not available.	Flash point	: Closed cup: 91°C (195.8°F) [Pensky-Martens.] [Product does not sustain combustion.]
Odor threshold	: Not available.	Ionicity (in water)	: Anionic.	Dispersibility properties	: Not available.
Solubility	: Not available.				
Melting/freezing point	: Not available.			Boiling/condensation point	: Not available.

10. Stability and reactivity

Chemical stability	: The product is stable.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Materials to avoid	: Reactive or incompatible with the following materials: acids oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.

11. Toxicological information

The symptoms, hazards and situations described in this section are not expected when manufacturer's direction for use, proper security measures and given professional exposure limits are correctly followed.

Potential chronic health effects

Chronic 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.
Target organs	: Contains material which may cause damage to the following organs: blood, kidneys, the nervous system, liver, spleen, lymphatic system, gastrointestinal tract, upper respiratory tract, skin, bone marrow, central nervous system (CNS), eye, lens or cornea, testes.

Over-exposure signs/symptoms

Inhalation	: Not a usual way of absorption
Ingestion	: Adverse symptoms may include the following: stomach pains
Skin	: Adverse symptoms may include the following: pain or irritation redness blistering may occur
Eyes	: Adverse symptoms may include the following: pain watering redness

Medical conditions aggravated by over-exposure

Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2-aminoethanol	LD50 Dermal	Rabbit	1000 mg/kg	-
	LD50 Oral	Rat	1720 mg/kg	-
	LD50 Oral	Rat	1720 mg/kg	-
2-butoxyethanol	LC50 Inhalation Gas.	Rat	450 ppm	4 hours
	LC50 Inhalation Vapor	Rat	700 ppm	7 hours
	LD50 Dermal	Rabbit	220 mg/kg	-
	LD50 Dermal	Rabbit	400 mg/kg	-
	LD50 Oral	Mouse	1230 mg/kg	-
	LD50 Oral	Rat	250 mg/kg	-
	LD50 Oral	Rat	560 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
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11. Toxicological information

sodium hydroxide	Eyes - Severe irritant	Monkey	-	24 hours 1 Percent	-
	Eyes - Mild irritant	Rabbit	-	400 Micrograms	-
	Eyes - Severe irritant	Rabbit	-	24 hours 50 Micrograms	-
	Eyes - Severe irritant	Rabbit	-	1 Percent	-
	Eyes - Severe irritant	Rabbit	-	0.5 minutes 1 milligrams	-
	Skin - Mild irritant	Human	-	24 hours 2 Percent	-
2-aminoethanol	Skin - Severe irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Severe irritant	Rabbit	-	250 Micrograms	-
2-butoxyethanol	Skin - Moderate irritant	Rabbit	-	505 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Severe irritant	Rabbit	-	100 milligrams	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-

Carcinogenicity Classification

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
2-butoxyethanol	A3	3	-	-	-	-

12. Ecological information

Ecotoxicity : No known significant effects or critical hazards.

Aquatic ecotoxicity

Product/ingredient name	Test	Result	Exposure	Species
sodium hydroxide	-	Acute EC50 40.38 mg/l Fresh water	48 hours	Crustaceans - Water flea - Ceriodaphnia dubia - Neonate
	-	Acute LC50 125 ppm Fresh water	96 hours	Fish - Western mosquitofish - Gambusia affinis - Adult
2-aminoethanol	-	Acute EC50 22 mg/l	72 hours	Algae
	ISO	Acute EC50 8.42 mg/l Fresh water	72 hours	Algae - Green algae - Desmodesmus subspicatus
	-	Acute EC50 65 mg/l	48 hours	Daphnia - daphnia
	-	Acute LC50 >100000 µg/l Marine water	48 hours	Crustaceans - Common shrimp, sand shrimp - Crangon crangon - Adult
2-butoxyethanol	-	Acute LC50 170 mg/l	72 hours	Fish - Goldfish
	-	Acute LC50 170000 µg/l Fresh water	96 hours	Fish - Goldfish - Carassius auratus
	-	Acute EC50 >1000 mg/l Fresh water	48 hours	Daphnia - Water flea - Daphnia magna
	-	Acute LC50 1000 mg/l Marine water	48 hours	Crustaceans - Amphipod - Chaetogammarus marinus - Young
	-	Acute LC50 1250000 µg/l Marine water	96 hours	Fish - Inland silverside - Menidia beryllina



13. Disposal considerations

Waste disposal : Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

14. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	1760	Corrosive liquid, n.o.s. (Sodium hydroxide, 2-aminoethanol) RQ (sodium hydroxide)	8	II		Reportable quantity 31837.4 lbs / 14454.2 kg [3700 gal / 14006 L] Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.
TDG Classification	1760	Corrosive liquid, n.o.s. (Sodium hydroxide, 2-aminoethanol)	8	II		-

PG* : Packing group

15. Regulatory information

United States inventory (TSCA 8b)

: Not determined.

WHMIS (Canada): Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Class E: Corrosive material**Canadian lists**: **CEPA Toxic substances:** None of the components are listed.: **Canadian ARET:** None of the components are listed.: **Canadian NPRI:** The following components are listed: 2-Butoxyethanol: **Alberta Designated Substances:** None of the components are listed.: **Ontario Designated Substances:** None of the components are listed.: **Quebec Designated Substances:** None of the components are listed.**Canada inventory**

: All components are listed or exempted.

Other certification

:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other information on the product

Label requirements

: COMBUSTIBLE LIQUID AND VAPOR. CAUSES EYE AND SKIN BURNS. MAY BE HARMFUL IF SWALLOWED.


Date of printing (YYYY-MM-DD)

: 2015-05-08.

Date of issue (YYYY-MM-DD)

: 2015-05-04.

Note: MSDS are valid for a 3 years period after the date of issue

 Indicates information that has changed from previously issued version.

MSDS prepared by:

QA and Documentation Department

Wood Wyant

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G6P 7E3

Notice to reader

There are potential hazards to people and goods associated with the use of this product which are detailed in the present Material Safety Data Sheet (MSDS). To minimize potential hazards associated with this product it is of users responsibility to conform the directions for use and all other instructions provided in the Material Safety Data Sheet (MSDS) of this product. The manufacturer, distributors and suppliers of this product are exonerating themselves and consequently shall not be liable for any prejudice or damage of any kind, resulting from the use of this product which may not be in accordance with the directions for use or all the instructions provided in the present Material Safety Data Sheet (MSDS) or resulting from an unadvised use of the present product..

Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)