

MATERIAL SAFETY DATA SHEET



Rust & Tannin Stain Treatment 3

HMIS		NFPA	Personal protective equipment
Health	2	2	
Fire Hazard	2	2	
Reactivity	0	0	

Version Number: 2

Preparation date: 2009-11-17

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Rust & Tannin Stain Treatment 3

MSDS #: MS0300191

Product Code: 3663070

Recommended use: Laundry care.

Manufacturer, importer, supplier:

US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

MSDS Internet Address:

www.johnsondiversev.com

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: CAUSES EYE AND SKIN IRRITATION. COMBUSTIBLE LIQUID AND VAPOR.

Principle routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: Severe eye irritation.

Skin contact: Severe skin irritation.

Inhalation: May be irritating to nose, throat, and respiratory tract.

Ingestion: May cause irritation to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Ammonium bifluoride	1341-49-7	0.1 - 1.5%	130	Not available	Not available
2-butoxyethanol	111-76-2	0.1 - 1.5%	470	220 mg/kg	2.21 mg/L (4 h); 450 ppm (4 h)
Oxalic acid	144-62-7	0.1 - 1.5%	375	Not available	Not available

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention.

Ingestion: Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, CO₂, water spray or "alcohol" foam.

Specific hazards: Not applicable

Unusual hazards: None known

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

5. FIRE-FIGHTING MEASURES

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. COMBUSTIBLE LIQUID AND VAPOR. Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection: Chemical-splash goggles.
Hand protection: Chemical-resistant gloves
Skin and body protection: No special protective clothing is required.
Respiratory protection: No special protective clothing is required.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin 240 mg/m ³ (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m ³ (STEL) 26 ppm (TWA) 120 mg/m ³ (TWA)
Oxalic acid	144-62-7	2 mg/m ³ (STEL) 1 mg/m ³ (TWA)	1 mg/m ³ (TWA) 2 mg/m ³ (STEL)	2 mg/m ³ (STEL) 1 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Bulk density: No information available
pH: 4.0	Dilution pH: No information available.
Appearance: Liquid	Vapor density: No information available
Color: Clear Colorless	Evaporation Rate: No information available
Odor: Characteristic	Boiling point/range: Not determined
Specific gravity: 1.01	Melting point/range: Not determined
Density: 8.42 lbs/gal	Decomposition temperature: Not determined
VOC: 2.3% *	Autoignition temperature: No information available
Flash point: >150°F >65.6°C	Partition coefficient (n-octanol/water): No information available
Solubility: Completely Soluble	Solubility in other solvents: No information available
Viscosity: No information available	Elemental Phosphorus: 0% by wt.

Explosion limits: - lower: Not determined- upper: Not determined

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Strong bases.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg
Component Information: See Section 3

Chronic toxicity: Repeated exposure to low levels of fluoride through ingestion, inhalation, [or dermal absorption- if posing a skin absorption hazard] can cause fluorosis. The primary target is the skeletal system. Effects can include osteoporosis, increased bone density, mottled tooth enamel, and calcification of ligaments.

11. TOXICOLOGICAL INFORMATION

Specific effects

Carcinogenic effects: None know n
Mutagenic effects: None know n
Reproductive toxicity: None know n
Target organ effects: None know n

Hazardous ingredients

Ingredient(s)	CAS #	NTP	IARC	OSHA
2-butoxyethanol	111-76-2		3	

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Ammonium bifluoride	1341-49-7	X	X	X	-
2-butoxyethanol	111-76-2	X	X	X	X
Oxalic acid	144-62-7	X	X	X	X
Alcohol ethoxylates	68131-39-5	-	-	-	-
Water	7732-18-5	-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ammonium bifluoride	1341-49-7	0.1 - 1.5%	100		X
2-butoxyethanol	111-76-2	0.1 - 1.5%			X

None

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
2-butoxyethanol	X		

SARA 311/312 Hazard Categories

Immediate: x
Delayed: x
Fire: x
Reactivity: -
Sudden Release of Pressure: -

Canada



WHMIS hazard class: B3 Combustible liquid , D2B Toxic materials.

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC

16. OTHER INFORMATION

Additional advice: Does not contain an added fragrance.

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MATERIAL SAFETY DATA SHEET



Enzyme Treatment 2

HMIS		NFPA	Personal protective equipment
Health	1	1	None / Aucune / Ninguno
Fire Hazard	2	2	
Reactivity	0	0	

Version Number: 2

Preparation date: 2009-11-17

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Enzyme Treatment 2

MSDS #: MS0300324

Product Code: 3663037

Recommended use: Laundry care.

Manufacturer, importer, supplier:

US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address:
www.johnsondiverse.com

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: MAY BE MILDLY IRRITATING TO EYES. MAY BE MILDLY IRRITATING TO SKIN. COMBUSTIBLE LIQUID AND VAPOR. Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.

Principle routes of exposure:

Eye contact. Skin contact. Inhalation.

Eye contact: May be mildly irritating to eyes.

Skin contact: May be mildly irritating to skin.

Inhalation: Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.

Ingestion: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Bacterial spore suspension	TS*	1 - 5%	Not available	Not available	Not available
Propylene glycol methyl ether	107-98-2	1 - 5%	5200	=13000 mg/kg	=54.6 mg/L (4 h) >24 mg/L (1 h)
2-butoxyethanol	111-76-2	1 - 5%	470	220 mg/kg	2.21 mg/L (4 h); 450 ppm (4 h)
Sodium lauryl sulfate	151-21-3	1 - 5%	1288	=580 mg/kg	>3900 mg/m ³ (1 h)

4. FIRST AID MEASURES

Eye contact:

Flush immediately with plenty of water. If irritation develops, get medical attention.

Skin contact:

Flush immediately with plenty of water. If irritation develops, get medical attention.

Inhalation:

If breathing is affected, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion:

No specific first aid measures are required.

Aggravated Medical Conditions:

Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use dry chemical, CO₂, water spray or "alcohol" foam.

Specific hazards:

Enzyme - dust and aerosols may cause allergic respiratory reaction.

Unusual hazards:

None known.

Specific methods:

No special methods required

Autoignition temperature:

No information available.

5. FIRE-FIGHTING MEASURES

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Wear self contained breathing apparatus for fire fighting if necessary.

Extinguishing media which must not be used for safety reasons: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.). Ensure adequate ventilation. In case of an incident in a confined area wear suitable respiratory protection. Mop or use low-pressure water spray which will not create aerosols.

Environmental precautions and clean-up methods:

Remove immediately by using vacuum with filter or mopping or washing. Sweeping, blowing, splashing, or high-pressure flushing should be avoided as this creates dust or aerosols. Remove and wash contaminated clothing.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin and eyes. COMBUSTIBLE LIQUID AND VAPOR. Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas. Do not spray into the air. Do not create aerosols or mists. Do not breathe dust or mist. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection:

No special requirements under normal use conditions.

Hand protection:

No special requirements under normal use conditions.

Skin and body protection:

No special requirements under normal use conditions.

Respiratory protection:

No special requirements under normal use conditions.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Propylene glycol methyl ether	107-98-2	150 ppm (STEL) 100 ppm (TWA)		
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin 240 mg/m ³ (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m ³ (STEL) 26 ppm (TWA) 120 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

pH: 9.0

Appearance: Liquid

Color: Cloudy Amber

Odor: Fresh

Specific gravity: No information available

Density: 1.01 lbs/gal Kg/L

VOC: 1.5% *

Flash point: >150°F >65.6°C

Solubility: Completely Soluble

Viscosity: No information available

Bulk density: No information available

Dilution pH: No information available.

Vapor density: No information available

Evaporation Rate: No information available

Boiling point/range: Not determined

Melting point/range: Not determined

Decomposition temperature: Not determined

Autoignition temperature: No information available

Partition coefficient (n-octanol/water): No information available

Solubility in other solvents: No information available

Elemental Phosphorus: 0% by wt.

Explosion limits: - lower: Not determined- upper: Not determined

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability:

Stable.

Polymerization:

None under normal processing.

Hazardous decomposition products:

None reasonably foreseeable.

Materials to avoid:

None known.

Conditions to avoid:

Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Oral LD50 estimated to be greater than 5000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg
Component Information:	See Section 3
Chronic toxicity:	None known
Specific effects	
Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

Hazardous ingredients

Ingredient(s)	CAS #	NTP	IARC	OSHA
2-butoxyethanol	111-76-2		3	

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Bacterial spore suspension	TS*	-	-	-	-
Propylene glycol methyl ether	107-98-2	X	X	X	X
2-butoxyethanol	111-76-2	X	X	X	X
Sodium lauryl sulfate	151-21-3	-	-	-	-
Water	7732-18-5	-	-	-	-
Sodium alkyl naphthalene sulfonate	26264-58-4	-	-	-	-
Acrylate polymer	67366-74-9	-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
2-butoxyethanol	111-76-2	1 - 5%			X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
2-butoxyethanol	X		

SARA 311/312 Hazard Categories

Immediate:	-
Delayed:	-
Fire:	x
Reactivity:	-
Sudden Release of Pressure:	-

Canada



WHMIS hazard class: B3 Combustible liquid .

16. OTHER INFORMATION

Reason for revision: Not applicable

16. OTHER INFORMATION

Prepared by:

NAPRAC

Additional advice:

Contains an added fragrance, see "Odor" heading in section 9 for specific description.

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Solvent Treatment 1

HMIS		NFPA	Personal protective equipment None / Aucune / Ninguno
Health	2	2	
Fire Hazard	1	1	
Reactivity	0	0	

Version Number: 1

Preparation date: 2009-03-16

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Solvent Treatment 1
MSDS #: MS0300325
Product Code: 5176566, 3663088
Recommended use: Laundry care.

Manufacturer, importer, supplier:

US Headquarters
 JohnsonDiversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249
 MSDS Internet Address:
 www.johnsondiverse.com

Canadian Headquarters
 JohnsonDiversey - Canada, Inc.
 2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (U.S.)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION: CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN. COMBUSTIBLE LIQUID AND VAPOR. Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.

Principle routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Moderately irritating to the eyes.
Skin contact: May be mildly irritating to skin.
Inhalation: Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.
Ingestion: May cause irritation to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Sodium thiosulphate	7772-98-7	5 - 10%	5000	Not available	Not available
Enzyme	Proprietary	0.1 - 1.5%	2000	Not available	Not available
Propylene glycol methyl ether	107-98-2	5 - 10%	5200	=13000 mg/kg	=54.6 mg/L (4 h) >24 mg/L (1 h)
Dipropylene glycol methyl ether	34590-94-8	1 - 5%	5135	9500 mg/kg	Not available

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin contact: Flush immediately with plenty of water. If irritation develops, get medical attention.
Inhalation: If breathing is affected, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion: If swallowed, give a cupful of water or milk.
Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide. Dry chemical. "Alcohol" foam.
Specific hazards: Enzyme - dust and aerosols may cause allergic respiratory reaction.
Unusual hazards: None known.
Specific methods: None known.
Autoignition temperature: No information available.

5. FIRE-FIGHTING MEASURES

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Wear self contained breathing apparatus for fire fighting if necessary.

Extinguishing media which must not be used for safety reasons: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.). Ensure adequate ventilation. In case of an incident in a confined area wear suitable respiratory protection. Mop or use low-pressure water spray which will not create aerosols.

Environmental precautions and clean-up methods:

Remove immediately by using vacuum with filter or mopping or washing. Sweeping, blowing, splashing, or high-pressure flushing should be avoided as this creates dust or aerosols. Remove and wash contaminated clothing.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. COMBUSTIBLE LIQUID AND VAPOR. Keep away from open flames, hot surfaces and sources of ignition. Do not spray into the air. Do not create aerosols or mists. Do not breathe dust or mist. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye protection:

No special requirements under normal use conditions.

Hand protection:

No special requirements under normal use conditions.

Skin and body protection:

No special requirements under normal use conditions.

Respiratory protection:

No special requirements under normal use conditions.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Enzyme		0.00006 mg/m ³ (Ceiling)		
Propylene glycol methyl ether	107-98-2	150 ppm (STEL) 100 ppm (TWA)		
Dipropylene glycol methyl ether	34590-94-8	150 ppm (STEL) 100 ppm (TWA)	Skin 100 ppm (TWA) 600 mg/m ³ (TWA)	900 mg/m ³ (STEL) 150 ppm (STEL) 100 ppm (TWA) 60 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

pH: 8

Appearance: Liquid

Color: Colorless

Odor: Fresh

Specific gravity: 0.93

Density: 7.76 lbs/gal Kg/L

VOC: 2.5% *

Flash point: >150°F >65.6°C

Solubility: Completely Soluble

Viscosity: No information available

Bulk density: No information available

Dilution pH: Not Applicable @ (RTU)

Vapor density: No information available

Evaporation Rate: No information available

Boiling point/range: Not determined

Melting point/range: Not determined

Decomposition temperature: Not determined

Autoignition temperature: No information available

Partition coefficient (n-octanol/water): No information available

Solubility in other solvents: No information available

Elemental Phosphorus: 0% by wt.

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability:

Stable.

Polymerization:

None under normal processing.

Hazardous decomposition products:

None reasonably foreseeable..

Materials to avoid:

Oxidising agents.

Conditions to avoid:

Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.
Component Information:	See Section 3
Chronic toxicity:	None know n
Specific effects	
Carcinogenic effects:	None know n
Mutagenic effects:	None know n
Reproductive toxicity:	None know n
Target organ effects:	None know n

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Enzyme	Proprietary	-	-	-	-
Water	7732-18-5	-	-	-	-
Sodium thiosulphate	7772-98-7	-	X	-	-
Propylene glycol methyl ether	107-98-2	X	X	X	X
Dipropylene glycol methyl ether	34590-94-8	X	X	X	X
Propylene glycol phenyl ether	770-35-4	-	-	-	-
Alcohol ethoxylates	68131-39-5	-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Dipropylene glycol methyl ether	34590-94-8	1 - 5%			X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Dipropylene glycol methyl ether	X		

SARA 311/312 Hazard Categories

Immediate:	x
Delayed:	-
Fire:	x
Reactivity:	-
Sudden Release of Pressure:	-

Canada

WHMIS hazard class: B3 Combustible liquid , D2B Toxic materials.



Ingredient(s)	CAS #	NPRI
Propylene glycol methyl ether	107-98-2	X

16. OTHER INFORMATION

Reason for revision: Not applicable

16. OTHER INFORMATION

Prepared by: NAPRAC
Additional advice: None

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