



Spartan Chemical Company, Inc.

Material Safety Data Sheet

586205

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
NEW GENERATION 100 -GREY (PART A)

Product Number: 5862

Spartan Chemical Company, Inc.

1110 Spartan Drive

Maumee OH 43537

Product Division:
Janitorial

Product/Technical Information: **1-(800)-537-8990**
 Medical Emergency: **1-(888)-314-6171 (24 hours)**
 Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Non-Hazardous Products	
NFPA Ratings:	
Health:	1- Slight
Fire:	1- Slight
Reactivity:	0 - Minimal
HMIS Ratings:	
Health:	1- Slight
Fire:	1- Slight
Reactivity:	0 - Minimal
Pers. Prot. Equip.:	See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	% W	CAS Registry No.	Table Z- 1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Bisphenol-A epoxy	80-85	25068-38-6	Not Established	Not Established	Not Established	No
Oxirane C12-C14	15-20	68609-97-2	Not Established	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point:	>400 °F	Vapor Pressure:	< 0.1 mm Hg @ 75°F
Vapor Density (AIR = 1):	Unknown	Solubility in Water:	Insoluble
pH:	N/A	Specific Gravity (H ₂ O=1):	1.14 (9.55 lbs./gal)
Evaporation Rate (but. ace.=1):	<1	Percent Solid by Weight:	100
Physical State:	Paste		
Appearance & Odor:	Grey odorless liquid		

▼ SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	Setaflash > 200 °F	Method Used:	ASTM-D3278
Flammable Limits:	N/A	Flame Extension:	N/A
Extinguishing Media:	Product does not support combustion. Use extinguishing media appropriate for surrounding fire.		
Special Fire Fighting Procedures:	Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.		
Unusual Fire & Explosive Hazards:	Combustion products are toxic.		

▼ SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes and Ingestion
Effects of Overexposure-Conditions to Avoid:	<p>Causes eye irritation: Symptoms may include pain, redness, swelling and tearing</p> <p>Causes skin irritation: Symptoms may include redness, pain and swelling.</p> <p>May be harmful if swallowed: Symptoms may include nausea, vomiting, pain and diarrhea.</p> <p>Exposure to epoxy compounds may cause skin sensitization in some individuals.</p> <p>Avoid contact with eyes and skin. Do not swallow. Wash thoroughly after handling.</p>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye; and respiratory disorders including asthma and dermatitis.		

Emergency & First Aid Procedures:

Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get immediate medical attention.
Skin:	Remove contaminated clothing. Rinse skin immediately with plenty of water then wash with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
Ingestion:	Do not induce vomiting. Get immediate medical attention. Do not give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. Get medical attention if irritation persists.

▼ SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Oxidizers. Strong acids; bases; amines and mercaptans can cause polymerization.
Hazardous Decomposition Products:	Carbon monoxide. Aldehydes and acids may be formed during combustion. Not readily ignitable.	Hazardous Polymerization:	Will Not Occur

▼ SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Dike and contain spill with inert material and transfer liquid to containers for recovery or disposal. This material is not defined as a hazardous waste under current RCRA regulations. Cure with Part B to create innocuous solid material.
Waste Disposal Method:	Dispose of in compliance with all federal, state and local laws and regulations.

▼ SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not needed when good general ventilation is provided.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Neoprene, nitrile or other impervious gloves
Eye Protection(Specify Type):	Splash goggles
Other Protective Equipment:	Eye wash station and washing facilities should be readily accessible in areas where product is handled. See 29 CFR 1910.132-138 for further guidance.

▼ SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Do not apply to hot surfaces. Avoid use of solvents for skin clean-up. Wash before eating, smoking or using toilet. Keep from freezing. Keep away from heat and flame.
Other Precautions:	Keep out of reach of children.

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Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

NEW GENERATION 100 -GREY (PART A)

Effective Date: 06/08/2009

Supersedes: 05/03/2006

Date:

Ref: 29 CFR 1910.1200 (OSHA) Changes: Update Section I

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Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

NEW GENERATION 100 (PART B)

Product Number: 5861; 5862; 5875

Spartan Chemical Company, Inc.

1110 Spartan Drive

Maumee OH 43537

Product Division:

JanitorialProduct/Technical
Information: **1-(800)-537-8990**Medical Emergency: **1-(888)-314-6171 (24 hours)**Chemical Leak/Spill
Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Non-Hazardous Products	
NFPA Ratings:	
Health:	3 - Serious
Fire:	1 - Slight
Reactivity:	0 - Minimal
HMIS Ratings:	
Health:	3 - Serious
Fire:	1 - Slight
Reactivity:	0 - Minimal
Pers. Prot. Equip.:	See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	% W	CAS Registry No.	Table Z- 1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Amine epoxy resin adduct	30-40	Proprietary	Not Established	Not Established	Not Established	No
Isophoronediamine	20-30	2855-13-2	Not Established	Not Established	Not Established	No
Benzyl alcohol	20-30	100-51-6	Not Established	Not Established	Not Established	No
Alkylphenol	1-5	Proprietary	Not Established	Not Established	Not Established	No

▼ SECTION III: PHYSICAL DATA

Boiling Point:	>400 °F °F	Vapor Pressure:	<0.1 mm Hg @ 75°F
Vapor Density (AIR = 1):	N/A	Solubility in Water:	Partially soluble
pH:	N/A	Specific Gravity (H ₂ O=1):	1.01
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	100
Physical State:	Liquid	Volatile Organic Compounds:	None
Appearance & Odor:	Slightly tan, clear, ammoniacal odor		

▼ SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	(Setaflash) >200°F	Method Used:	ASTM-D3278
Flammable Limits:	No Data	Flame Extension:	N/A
Extinguishing Media:	Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.		
Special Fire Fighting Procedures:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.		
Unusual Fire & Explosive Hazards:	Closed containers may rupture due to pressure build-up. Combustion products are toxic.		

▼ SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes
Effects of Overexposure-Conditions to Avoid:	<p>CAUSES SEVERE EYE IRRITATION OR BURNS: Symptoms include chemical burns, pain, redness, swelling of the conjunctiva, tissue destruction and possible permanent corneal damage.</p> <p>CAUSES SEVERE SKIN IRRITATION OR BURNS: Symptoms include chemical burns, pain, redness, tissue destruction, scaling, blistering and possible dermatitis. Can cause skin sensitization and allergic skin reaction.</p> <p>HARMFUL IF SWALLOWED: Symptoms may include severe irritation or burns of mouth, throat and digestive tract. May cause central nervous system depression.</p> <p>HARMFUL IF INHALED. Inhalation of vapor or mist can cause severe irritation or burns of the nose; throat and lungs. Symptoms may include coughing; chest pain; shortness of breath; impairment of lung function. May cause central nervous system depression.</p> <p>AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID BREATHING PRODUCT VAPORS. DO NOT SWALLOW OR TASTE. WASH THOROUGHLY AFTER HANDLING.</p>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		

Emergency & First Aid Procedures:

Eyes:	Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get prompt medical attention.
Skin:	Remove contaminated clothing. Immediately flush skin with water for at least 15 minutes followed by wash with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse. Do not take clothing home to be laundered. Do not use solvents for cleanup.
Ingestion:	Do not induce vomiting. Get immediate medical attention. Do not give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.

▼ SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Oxidizers. Strong acids; bases; amines and mercaptans can cause polymerization.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide	Hazardous Polymerization:	Will Not Occur

▼ SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Dike and contain spill with inert material (sand, earth, commercial absorbent, etc.) and transfer to containers for disposal. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Dispose of liquid and contaminated solids in accordance with local, state and federal regulations.

▼ SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not required under normal conditions. However, if respiratory irritation occurs use of a NIOSH approved respirator suitable for the conditions of use and substances in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Neoprene, nitrile or other impervious gloves
Eye Protection(Specify Type):	Splash goggles
Other Protective Equipment:	Use of other protective clothing such as long sleeved shirt and trousers are recommended. Chemical resistant apron or other impervious clothing may be considered to avoid skin contact. Facilities utilizing this material should be equipped with an eyewash facility and a safety shower. For further guidance see 29 CFR 1910.132-138.

▼ SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Do not apply to hot surfaces. Avoid use of solvents for skin clean-up. Wash before eating, smoking or using toilet. Keep from freezing. Keep away from heat and flame. Keep out of reach of children.
Other Precautions:	Fresh; wet; uncured coatings can be very slippery. Use warning signs and isolate work area.

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NEW GENERATION 100 (PART B)

Name: Ronald T. Cook
Effective Date: 06/08/2009

Title: Manager, Regulatory Affairs
Supercedes: 05/03/2006

Ref: 29 CFR 1910.1200 (OSHA) Changes: Update Section I

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