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PhoneKleen, PhoneWipe

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SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: KEYWIPES

Other means of identification: RR1233

Recommended use of the chemical and restrictions on use

: Surface Wipe

Restriction on use: None known

Chemical family : Mixture

Name, address, and telephone number Name, address, and telephone number of

of the supplier: the manufacturer:
Advantus Corporation Refer to supplier

12276 San Jose Blvd., Suite 618

Jacksonville, FL, USA

32223

Supplier's Telephone # : (904) 482 0091

24 Hr. Emergency Tel # : Chemtrec 1-800-424-9300 (Within Continental U.S.); Chemtrec 703-527-3887

(Outside U.S.).

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Pre-moistened towellette (clear liquid saturated on wipe). Alcohol odor.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Hazard classification:

Flammable solid -Category 1 Serious eye damage/eye irritation - Category 2A Skin sensitization - Category 1A

Label elements

Hazard pictogram(s)





Signal Word

DANGER!

Hazard statement(s)

Flammable solid. Causes serious eye irritation. May cause an allergic skin reaction.



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Precautionary statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking.

Ground and bond container and receiving equipment.

Use explosion-proof electrical and ventilating equipment.

Wash thoroughly after handling.

Avoid breathing vapors or mists.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves and eye/face protection.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: get medical advice/attention.

In case of fire: Use water fog, dry chemical, CO2 or 'alcohol' foam to extinguish.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Other hazards which do not result in classification: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Solution

Chemical name	Common name and synonyms	CAS#	Concentration (% by weight)
Ethyl alcohol	Ethyl alcohol Ethyl hydrate	64-17-5	30.0 - 60.0
N-Alkyldimethylbenzyl ammonium chloride	Benzethonium Chloride (USP)	8001-54-5	0.1 - 1.0
Nonylphenol, ethoxylated	Polyethylene glycol nonylphenyl ether	9016-45-9	0.1 - 1.0
Urea, N,N"-methylenebis[N'-[3- (hydroxymethyl) -2,5-dioxo-4-imidazolidinyl]-	Imidazolindyl Urea	39236-46-9	0.1 - 1.0

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Skin contact

Ingestion : None required when used as intended. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation : If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. Get medical

personnel only. If breathing has stopped, give artificial respiration. Get me attention if symptoms persist.

: Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before re-use.

Eye contact : Immediately flush eyes with running water for at least 15 minutes. Obtain medical attention if irritation persists.



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Most important symptoms and effects, both acute and delayed

: Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis. Inhalation of high concentrations may cause dizziness, disorientation, incoordination, narcosis, nausea or narcotic effects. May cause an allergic skin reaction (e.g. swelling, rash and eczema).

Indication of any immediate medical attention and special treatment needed

: Treat symptomatically. This product is a CNS depressant.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

 Use water fog or fine spray, foams, carbon dioxide or dry chemical. Do not use a solid water stream as it may scatter and spread fire.

Unsuitable extinguishing media

: Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture / Conditions of flammability

: Flammable solid. Vapors may travel considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors.

Flammability classification (OSHA 29 CFR 1910.106)

: Flammable solid.

Hazardous combustion products

: Carbon oxides

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Do not enter without wearing specialized protective equipment suitable for the situation. Firefighter's normal protective clothing (Bunker Gear) will not provide adequate protection. A full-body encapsulating chemical protective suit with positive pressure self-contained breathing apparatus (NIOSH approved or equivalent) may be necessary.

Special fire-fighting procedures

: Fight fires from a safe distance. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Individuals involved in the cleanup must wear appropriate personal protective equipment. For personal protection see section 8.

Environmental precautions

Do not allow material to contaminate ground water system.

Methods and material for containment and cleaning up

: Small Spills: Wipe up with absorbent material (e.g. cloth, fleece).

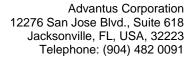
Special spill response procedures

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).

US CERCLA Reportable quantity (RQ): None.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling





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: Use only in well-ventilated areas. Wear suitable protective equipment during handling. Do not ingest or swallow. Avoid breathing mist or vapor. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Use only non-sparking tools with this material. Avoid contact with incompatible materials. Keep containers tightly closed when not in use.

tigntly closed when not in use.

Conditions for safe storage: Store in a cool, dry, well-ventilated area. No smoking in the area.

Incompatible materials : Oxidizing agents; Strong acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:					
Chemical Name	ACGIH TLV OS			SHA PEL	
	<u>TWA</u>	STEL	PEL	<u>STEL</u>	
Ethyl alcohol	N/Av	1000 ppm	1000 ppm (1900 mg/m³)	N/Av	
N-Alkyldimethylbenzyl ammonium chloride	N/Av	N/Av	N/Av	N/Av	
Nonylphenol, ethoxylated	N/Av	N/Av	N/Av	N/Av	
Urea, N,N"-methylenebis[N'-[3- (hydroxymethyl) -2,5-dioxo-4-imidazolidinyl]-	N/Av	N/Av	N/Av	N/Av	

Exposure controls

Ventilation and engineering measures

: Ensure adequate ventilation, especially in confined areas. Use general or local

exhaust ventilation to maintain air concentrations below recommended exposure limits.

Use explosion-proof electrical and ventilating equipment.

Respiratory protection Respiratory protection is required if the concentrations exceed the TLV.

NIOSH-approved respirators are recommended. Advice should be sought from respiratory protection specialists. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR

1910.134) or CSA Z94.4-02.

Skin protection: Wear gloves impervious to this material. Advice should be sought from glove

suppliers.

Eye / face protection: Wear safety goggles or glasses as appropriate for the job.

Other protective equipment: An eyewash station and safety shower should be made available in the immediate

working area. Depending on conditions of use, an impervious apron should be worn.

Other equipment may be required depending on workplace standards.

General hygiene considerations

: Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not ingest. Do not eat, drink or smoke when using this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

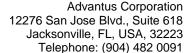
Appearance: Pre-moistened towellette (clear liquid saturated on wipe).

Odour threshold : Alcohol odor.

Odour threshold : Not available.

pH : Not available.

Melting Point/Freezing point : Not available.





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Initial boiling point and boiling range

: 96.1°C

Flash point : 26°C
Flashpoint (Method) : closed cup
Evaporation rate (BuAe = 1) : Not available.
Flammability (solid, gas) : Flammable solid

Lower flammable limit (% by vol.)

: Not available.

Upper flammable limit (% by vol.)

: Not available.

Oxidizing properties : None.

Explosive properties : Not explosive Vapour pressure : Not available. Vapour density : Not available.

Relative density / Specific gravity

: 0.94

Solubility in water : Complete
Other solubility(ies) : Not available.

Partition coefficient: n-octanol/water or Coefficient of water/oil distribution

: Not available.

Auto-ignition temperature : Not available.

Decomposition temperature : Not applicable.

Viscosity : Not available.

Volatiles (% by weight) : Not available.

Volatile organic Compounds (VOC's)

: Not applicable.

Absolute pressure of container

: Not applicable.

Flame projection length : Not applicable.

Other physical/chemical comments

: None reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive.

Chemical stability : Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions

: Hazardous polymerization will not occur.

Conditions to avoid : Keep away from excessive heat, open flames, sparks and other possible sources of

ignition. Avoid contact with incompatible materials. Do not use in areas without adequate ventilation. Avoid heat, open flames, sparks, static electricity and electrical

equipment.

Incompatible materials : Strong oxidizers.; Acids

Hazardous decomposition products

: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : NO



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Routes of entry skin & eye : YES
Routes of entry Ingestion : NO
Routes of exposure skin absorption

: NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

None expected, when used as intended. Inhalation of high concentrations may cause dizziness, disorientation, incoordination, narcosis, nausea or narcotic effects.

Sign and symptoms ingestion

: None expected, when used as intended. Ingestion may cause gastrointestinal irritation,

nausea, vomiting and diarrhea.

Sign and symptoms skin : None expected, when used as intended. Direct skin contact may cause slight or mild,

transient irritation.

Sign and symptoms eyes : Causes serious eye irritation. Symptoms may include redness, pain, tearing and

conjunctivitis.

Potential Chronic Health Effects

: Prolonged or repeated skin contact may cause drying and irritation. Prolonged

overexposure may cause liver and kidney effects.

Mutagenicity : Not expected to be mutagenic in humans.

Carcinogenicity : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects & Teratogenicity

: Not expected to have other reproductive effects.

Sensitization to material : This material is classified as hazardous under U.S. OSHA regulations (29CFR

1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Skin sensitization - Category 1A. May cause an allergic skin reaction (e.g. swelling, rash and eczema). Not expected to be a

respiratory sensitizer.

Specific target organ effects: This material is classified as hazardous under U.S. OSHA regulations (29CFR

1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products

Regulations) (WHMIS 2015). Classification:

Specific target organ toxicity, single exposure - Category 3 (narcotic effects).

May cause drowsiness or dizziness.

Not classified as a specific target organ toxicity - repeated exposure.

Medical conditions aggravated by overexposure

: Pre-existing skin, eye and respiratory disorders.

Synergistic materials: None known or reported by the manufacturer.

Toxicological data : There is no available data for the product itself, only for the ingredients. See below for

individual ingredient acute toxicity data.



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	LC50(4hr)	LDs	50
Chemical name	inh, rat	(Oral, rat)	(Rabbit, dermal)
Ethyl alcohol	> 32 380 ppm (61 mg/L) (vapour)	7060 mg/kg	> 15 800 mg/kg
N-Alkyldimethylbenzyl ammonium chloride	N/Av	240 mg/kg	1420mg/kg
Nonylphenol, ethoxylated	N/Av	1310 mg/kg	2000 mg/kg
Urea, N,N"-methylenebis[N'- [3-(hydroxymethyl) -2,5-dioxo-4-imidazolidinyl]-	N/Av	11300 mg/kg	N/Av

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: Not classified for hazards to the environment. See the following tables for individual ingredient ecotoxicity data.

Ecotoxicity data:

<u>Ingredients</u>	CACNA	Toxicity to Fish				
	CAS No	LC50 / 96h	NOEC / 21 day	M Factor		
Ethyl alcohol	64-17-5	> 100 mg/L (Fathead minnow)	N/Av	None.		
Nonylphenol, ethoxylated	9016-45-9	2.5 - 12.5 mg/L (Fathead minnow)	N/Av	None.		

<u>Ingredients</u>	CAS No	Toxicity to Daphnia				
		EC50 / 48h	NOEC / 21 day	M Factor		
Ethyl alcohol	64-17-5	5012 mg/L (Daphnia magna)	N/Av	None.		
Nonylphenol, ethoxylated	9016-45-9	4.8 mg/L (Daphnia magna)	N/Av	None.		

<u>Ingredients</u>	CAS No	Toxicity to Algae				
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor		
Ethyl alcohol	64-17-5	1000 mg/L/96hr (Green algae)	N/Av	None.		
Nonylphenol, ethoxylated	9016-45-9	N/Av	N/Av	None.		

Persistence and degradability

: Ethanol is considered to be readily biodegradable.

Bioaccumulation potential

: No data is available on the product itself. See the following data for ingredient information.



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Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Ethyl alcohol (CAS 64-17-5)	- 0.31	N/Av
N-Alkyldimethylbenzyl ammonium chloride (CAS 8001-54-5)	N/Av	N/Av
Nonylphenol, ethoxylated (CAS 9016-45-9)	3.7	< 0.2, < 1.4
Urea, N,N"-methylenebis[N'-[3- (hydroxymethyl) -2,5-dioxo-4-imidazolidinyl]- (CAS 39236-46-9)	N/Av	N/Av

Mobility in soil : No data is available on the product itself.

Other Adverse Environmental effects

: No data is available on the product itself.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : See Section 7 (Handling and Storage) for further details. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not cut, weld, drill or grind on

or near this container

or near this container.

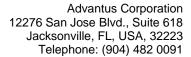
Methods of Disposal : Dispose in accordance with all applicable federal, state, provincial and local

regulations.

RCRA: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the

responsibility of the waste generator to determine the proper waste identification and

disposal method.





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SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	IQUID, N.O.S. not regulated		\otimes
49CFR/DOT Additional information		on 47 allows for UN3175, Solids, Containing flammable lique to be exempted from the regulations, provided there is no			ages, containing
TDG	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	not regulated	II	\otimes
TDG Additional information		on 56 allows for UN3175, Solids, Containing flammable lique to be exempted from the regulations, provided there is no	,		ages, containing
ICAO/IATA	UN3175	Solids containing flammable liquid, n.o.s.	not regulated	II	\otimes
ICAO/IATA Additional information		on A46 allows for UN 3175, Solids, Containing flammable I to be exempted from the regulations, provided there is no			kages, containing
IMDG	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	not regulated	II	\otimes
IMDG Additional information		on 216 allows for UN 3175, Solids, Containing flammable li to be exempted from the regulations, provided there is no			kages, containing

Special precautions for user: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking.

Environmental hazards

: This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not available.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:



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		TSCA	CERCLA Reportable	SARA TITLE III: Sec. 302, Extremely	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical		
<u>Ingredients</u>	CAS#	Inventory	Quantity(RQ) (40 CFR 117.302):	Hazardous Substance, 40 CFR 355:	Toxic Chemical	de minimus Concentration	
Ethyl alcohol	64-17-5	Yes	None.	None.	No	N/Ap	
N-Alkyldimethylbenzyl ammonium chloride	8001-54-5	NL	N/Ap	N/Av	No	N/Ap	
Nonylphenol, ethoxylated	9016-45-9	Yes	None.	None.	No	N/Ap	
Urea, N,N"-methylenebis[N'-[3- (hydroxymethyl) -2,5-dioxo-4-imidazolidin yl]-	39236-46-9	Yes	N/Ap	N/Av	No	N/Ap	

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Flammable; Eye irritation; Skin sensitization .

Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

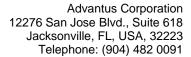
<u>Ingredients</u>	CAS#	California Proposition 65		State "Right to Know" Lists					
	CAS#	Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Ethyl alcohol	64-17-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
N-Alkyldimethylbenzyl ammonium chloride	8001-54-5	No	N/Ap	No	No	No	No	No	No
Nonylphenol, ethoxylated	9016-45-9	No	N/Ap	No	No	No	No	No	No
Urea, N,N"-methylenebis[N'-[3- (hydroxymethyl) -2,5-dioxo-4-imidazolidinyl]	39236-46-9	No	N/Ap	No	No	No	No	No	No

Canadian Information:

WHMIS Classification: Refer to Section 2 for a WHMIS Classification for this product. All ingredients are present on the DSL.

International Information:

Components listed below are present on the following International Inventory list:





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<u>Ingredients</u>	CAS#	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Ethyl alcohol	64-17-5	200-578-6	Present	Present	(2)-202	KE-13217	Present	HSR001144
N-Alkyldimethylbenzyl ammonium chloride	8001-54-5	N/Av	Present	Present	N/Av	KE-00790	Present	HSR002952
Nonylphenol, ethoxylated	9016-45-9	500-024-6	Present	Present	(7)-172	KE-26244	Present	HSR003054; HSR006598, HSR006618 (dilution)
Urea, N,N"-methylenebis[N'-[3- (hydroxymethyl) -2,5-dioxo-4-imidazolidin yl]-	39236-46-9	254-372-6	Present	Present	N/Av	KE-23828	Present	HSR003843

SECTION 16. OTHER INFORMATION

Legend

: ACGIH: American Conference of Governmental Industrial Hygienists

CA: California

CAS: Chemical Abstract Services

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

of 1980

CFR: Code of Federal Regulations
CNS: Central Nervous System
CSA: Canadian Standards Association
DOT: Department of Transportation

EPA: Environmental Protection Agency HSDB: Hazardous Substances Data Bank

IARC: International Agency for Research on Cancer

Inh: Inhalation

IUCLID: International Uniform Chemical Information Database

LC: Lethal Concentration

LD: Lethal Dose MA: Massachusetts MN: Minnesota N/Ap: Not Applicable N/Av: Not Available

NIOSH: National Institute of Occupational Safety and Health

NJ: New Jersey

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PA: Pennsylvania

PEL: Permissible exposure limit

RCRA: Resource Conservation and Recovery Act

RI: Rhode Island

RTECS: Registry of Toxic Effects of Chemical Substances SARA: Superfund Amendments and Reauthorization Act

STEL: Short Term Exposure Limit

TDG: Canadian Transportation of Dangerous Goods Act & Regulations

TLV: Threshold Limit Values TWA: Time Weighted Average

WHMIS: Workplace Hazardous Materials Identification System



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References : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents &

Biological Exposure Indices for 2018.

2. International Agency for Research on Cancer Monographs, searched 2019.

3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2019

(Chempendium, HSDB and RTECs). 4. Safety Data Sheets from manufacturer.

5. US EPA Title III List of Lists - June 2019 version.

6. California Proposition 65 List - September 2019 version.

7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal,

2019.

Preparation Date (mm/dd/yyyy)

: 04/30/2020

Revision No. : 2

Revision Information: (M)SDS sections updated :1. IDENTIFICATION; 2. HAZARDS IDENTIFICATION;

4. FIRST AID MEASURES;11. TOXICOLOGICAL INFORMATION; 15.

REGULATORY INFORMATION.

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

Prepared by:

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DISCLAIMER

This Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Advantus Corporation assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.