

SAFETY DATA SHEET

US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date draft Revision Date 13-Oct-2023 Revision Number 1

1. Identification

Product identifier

Product Name Black Gel Stain

Other means of identification

Product Code(s) B465

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Wood coating

Restrictions on useUse only for intended applications

Details of the supplier of the safety data sheet

Manufacturer AddressDistributorGeneral FinishesWood Essence

 2462 Coporate Circle
 2343 1st Ave North, unit B

 East Troy, WI 53120
 Saskatoon, SK S7K 2A2

 Phone 1-800-783-6050
 Phone 306-955-8775

Dover Finishing Products 180 Ave Du Voyageur Pointe-Claire, QC H9R6A8 Phone 514-697-3000

Lee Valley Tools 1090 Morrison Drive Ottawa, ON K2H1C2 Phone 613-596-0350

Emergency telephone number

Emergency telephone 24 Hour Emergency Phone Number

Chemtrec 1-800-424-9300

+1 703 527 3887 (CHEMTREC International)

2. Hazard(s) identification

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Specific target organ toxicity (single exposure)	Category 1
Specific target organ toxicity (repeated exposure)	Category 1

(M)SDS Number UL-GEF-101

Label elements

Danger

Hazard statements

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause genetic defects.

May cause cancer.

Causes damage to organs.

Causes damage to organs through prolonged or repeated exposure.



Precautionary Statements - Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.

Wash face, hands and any exposed skin thoroughly after handling.

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

Do not breathe dust, fume, gas, mist, vapors and spray.

Do not eat, drink or smoke when using this product.

Precautionary Statements - Response

IF exposed: Call a POISON CENTER or doctor.

Eyes

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 and attention.

Skir

IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse.

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

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents and container to an approved waste disposal plant.

Other information

No information available.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material	Date HMIRA filed and
			Information Review	date exemption

				granted (if applicable)
			(HMIRA registry #)	
Petroleum distillates, hydrotreated light	64742-47-8	10 - 30	-	-
Solvent naphtha (petroleum), medium aliph.	64742-88-7	10 - 30	-	-
Ethanol	64-17-5	1 - 5	-	-
Stoddard solvent	8052-41-3	1 - 5	-	-
Carbon black	1333-86-4	1 - 5	-	-
Butanone oxime	96-29-7	1 - 5	-	-
Naphtha, petroleum, hydrotreated heavy	64742-48-9	0.1 - 1	-	-
Benzaldahyde	100-52-7	0.1 - 1	-	-
Ethylbenzene	100-41-4	0.1 - 1	-	-

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get

medical advice/attention.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If

symptoms persist, call a physician. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical

attention if irritation develops and persists.

Skin contact May cause an allergic skin reaction. If symptoms persist, call a physician. Wash off

immediately with soap and plenty of water for at least 15 minutes.

Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce

vomiting. Call a physician.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation.

Effects of Exposure May cause cancer. Mutagenic effects. Causes damage to organs. Causes damage to

organs through prolonged or repeated exposure.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. Fire-fighting measures

surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the

chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge

None.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal

protective equipment as required. Evacuate personnel to safe areas. Keep people away

from and upwind of spill/leak.

Other information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. **Storage Conditions**

Keep out of the reach of children. Store away from other materials.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Ethanol	STEL: 1000 ppm	TWA: 1000 ppm	IDLH: 3300 ppm
64-17-5		TWA: 1900 mg/m ³	TWA: 1000 ppm
		(vacated) TWA: 1000 ppm	TWA: 1900 mg/m ³
		(vacated) TWA: 1900 mg/m ³	
Stoddard solvent	TWA: 100 ppm	TWA: 500 ppm	IDLH: 20000 mg/m ³
8052-41-3		TWA: 2900 mg/m ³	Ceiling: 1800 mg/m ³ 15 min
		(vacated) TWA: 100 ppm	TWA: 350 mg/m ³
		(vacated) TWA: 525 mg/m ³	
Carbon black	TWA: 3 mg/m³ inhalable	TWA: 3.5 mg/m ³	IDLH: 1750 mg/m ³
1333-86-4	particulate matter	(vacated) TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³
			TWA: 0.1 mg/m³ Carbon black in
			presence of Polycyclic aromatic
			hydrocarbons PAH
Ethylbenzene	Ethylbenzene Ototoxicant - potential to cause		IDLH: 800 ppm
100-41-4	hearing disorders	TWA: 435 mg/m ³	TWA: 100 ppm
	TWA: 20 ppm	(vacated) TWA: 100 ppm	TWA: 435 mg/m ³
		(vacated) TWA: 435 mg/m ³	STEL: 125 ppm

				TEL: 125 ppm EL: 545 mg/m ³		STEL: 545 mg/m ³
Chemical name	Alberta	British C	Columbia	Ontario	1	Quebec
Ethanol 64-17-5	TWA: 1000 ppm TWA: 1880 mg/m ³	STEL: 1	000 ppm	STEL: 1000	ppm	STEL: 1000 ppm
Stoddard solvent 8052-41-3	TWA: 100 ppm TWA: 572 mg/m ³		00 mg/m ³ 30 mg/m ³	TWA: 525 m	ng/m³	TWA: 100 ppm TWA: 525 mg/m ³
Carbon black 1333-86-4	TWA: 3.5 mg/m ³	TWA: 3	3 mg/m ³	TWA: 3 mg	g/m³	TWA: 3 mg/m ³
Benzaldahyde 100-52-7	-	-	-	STEL: 4 p STEL: 17 m		-
Ethylbenzene 100-41-4	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 125 ppm STEL: 543 mg/m ³	TWA: 2	20 ppm	TWA: 20 p	pm	TWA: 20 ppm

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
Ethanol	STEL: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm	STEL: 1000 ppm
Stoddard solvent	TWA: 100 ppm	TWA: 100 ppm	TWA: 100 ppm	TWA: 100 ppm
Carbon black	TWA: 3 mg/m ³	TWA: 3 mg/m ³	TWA: 3 mg/m ³	TWA: 3 mg/m ³
Ethylbenzene	TWA: 20 ppm	TWA: 20 ppm	TWA: 20 ppm	TWA: 20 ppm

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
Ethanol	TWA: 1000 ppm	STEL: 1000 ppm	TWA: 1000 ppm	TWA: 1000 ppm
	STEL: 1250 ppm		STEL: 1250 ppm	TWA: 1900 mg/m ³
				STEL: 1000 ppm
				STEL: 1900 mg/m ³
Stoddard solvent	TWA: 100 ppm	TWA: 100 ppm	TWA: 100 ppm	TWA: 100 ppm
	STEL: 125 ppm		STEL: 125 ppm	TWA: 575 mg/m ³
				STEL: 150 ppm
				STEL: 720 mg/m ³
Carbon black	TWA: 3.5 mg/m ³	TWA: 3 mg/m ³	TWA: 3.5 mg/m ³	TWA: 3.5 mg/m ³
	STEL: 7 mg/m ³		STEL: 7 mg/m ³	STEL: 7 mg/m ³
Ethylbenzene	TWA: 100 ppm	TWA: 20 ppm	TWA: 100 ppm	TWA: 100 ppm
	STEL: 125 ppm		STEL: 125 ppm	TWA: 435 mg/m ³
	Designated substance		Designated Chemical	STEL: 125 ppm
			Substance	STEL: 545 mg/m ³

Biological occupational exposure limits

Chemical name	ACGIH	
Ethylbenzene	0.15 g/g creatinine - urine (Sum of mandelic acid and	
100-41-4	phenylglyoxylic acid) - end of shift	

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and

immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid

No data available

No data available No data available

No data available

No data available

contact with skin, eyes or clothing.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state Liquid Color Black
Odor Slight

Odor threshold No information available

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pHNo data availableMelting point / freezing pointNo data availableInitial boiling point and boiling rangeNo data availableFlash pointNo data availableEvaporation rateNo data availableFlammabilityNo data available

Insoluble in water

Flammability Limit in Air

Upper flammability or explosive

limits

Lower flammability or explosive

limits

Vapor pressure
Relative vapor density

Relative density 7.5

Water solubility

Solubility(ies)
Partition coefficient
Autoignition temperature
Decomposition temperature

Kinematic viscosity

Dynamic viscosity 900 - 1200 cP

Other information

Explosive propertiesNo information available.Oxidizing propertiesNo information available.Softening pointNo information availableMolecular weightNo information availableVOC contentNo information available

VOC < 500 g/L

Liquid DensityNo information availableBulk densityNo information available

10. Stability and reactivity

Reactivity

None under normal use conditions.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to avoid None known based on information supplied.

Incompatible materials Strong acids, Strong bases, Strong oxidizing agents.

Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation May cause irritation of respiratory tract. Specific test data for the substance or mixture is not

available.

Eye contact Causes serious eye irritation (based on components). May cause redness, itching, and pain.

Specific test data for the substance or mixture is not available.

Skin contact Causes skin irritation (based on components). Repeated exposure may cause skin dryness

or cracking. May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Specific test data for the substance

or mixture is not available.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Specific test

data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Itching. Rashes. Hives. Redness. May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document:

 ATEmix (oral)
 7,541.40 mg/kg

 ATEmix (dermal)
 5,320.30 mg/kg

 ATEmix (inhalation-vapor)
 86.20 mg/l

 ATEmix (inhalation-dust/mist)
 14.9892 mg/l

Component Information

Chemical name Oral LD50		Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat)4 h
Solvent naphtha (petroleum), medium aliph.	> 25 mL/kg (Rat)	> 4000 mg/kg (Rabbit)	> 5.28 mg/L (Rat) 4 h
Ethanol	= 7060 mg/kg (Rat)	-	= 116.9 mg/L (Rat) 4 h = 133.8 mg/L (Rat) 4 h
Stoddard solvent	-	> 3000 mg/kg (Rabbit)	> 5.5 mg/L (Rat) 4 h
Carbon black	> 15400 mg/kg (Rat)	-	> 4.6 mg/m³ (Rat) 4 h
Butanone oxime	= 930 mg/kg (Rat)	1000 - 1800 mg/kg (Rabbit)	> 4.83 mg/L (Rat) 4 h
Naphtha, petroleum, hydrotreated heavy	> 6000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 8500 mg/m³ (Rat) 4 h
Benzaldahyde	= 1300 mg/kg (Rat)	> 1250 mg/kg (Rabbit)	-

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	
Ethylbenzene	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h	

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritationCauses skin irritation. Classification based on data available for ingredients.

Serious eye damage/eye irritation Causes serious eye irritation. Classification based on data available for ingredients.

Respiratory or skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity May cause genetic defects. Contains a known or suspected mutagen. Classification based

on data available for ingredients.

Carcinogenicity May cause cancer. Contains a known or suspected carcinogen. Classification based on

data available for ingredients.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Ethanol 64-17-5	А3	Group 1	Known	Х
Carbon black 1333-86-4	А3	Group 2B	-	Х
Ethylbenzene 100-41-4	A3	Group 2B	-	Х

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available.

STOT - single exposure Causes damage to organs. Based on the classification criteria of the Globally Harmonized

System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure.

(STOT SE).

STOT - repeated exposureCauses damage to organs through prolonged or repeated exposure.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

	Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
				microorganisms	
Г	Petroleum distillates,	-	LC50: =45mg/L (96h,	-	-
	hydrotreated light		Pimephales promelas)		
	64742-47-8		LC50: =2.2mg/L (96h,		
			Lepomis macrochirus)		

		LC50: =2.4mg/L (96h,		
		Oncorhynchus mykiss)		
Solvent naphtha (petroleum), medium aliph. 64742-88-7	EC50: =450mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =800mg/L (96h, Pimephales promelas)	-	EC50: >100mg/L (48h Daphnia magna)
Ethanol 64-17-5	-	LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus mykiss) LC50: >100mg/L (96h, Pimephales promelas) LC50: 13400 - 15100mg/L (96h, Pimephales promelas)	-	LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna)
Butanone oxime 96-29-7	EC50: =83mg/L (72h, Desmodesmus subspicatus)	LC50: 777 - 914mg/L (96h, Pimephales promelas) LC50: =760mg/L (96h, Poecilia reticulata)	-	EC50: =750mg/L (48h Daphnia magna)
Naphtha, petroleum, hydrotreated heavy 64742-48-9	-	LC50: =2200mg/L (96h, Pimephales promelas)	-	-
Benzaldahyde 100-52-7	-	LC50: 10.6 - 11.8mg/L (96h, Oncorhynchus mykiss) LC50: =12.69mg/L (96h, Oncorhynchus mykiss) LC50: 0.8 - 1.44mg/L (96h, Lepomis macrochirus) LC50: 6.8 - 8.53mg/L (96h, Pimephales promelas) LC50: =7.5mg/L (96h, Lepomis macrochirus)		-
Ethylbenzene 100-41-4	EC50: =4.6mg/L (72h, Pseudokirchneriella subcapitata) EC50: >438mg/L (96h, Pseudokirchneriella subcapitata) EC50: 2.6 - 11.3mg/L (72h, Pseudokirchneriella subcapitata) EC50: 1.7 - 7.6mg/L (96h, Pseudokirchneriella subcapitata)	LC50: 11.0 - 18.0mg/L (96h, Oncorhynchus mykiss) LC50: =4.2mg/L (96h, Oncorhynchus mykiss) LC50: 7.55 - 11mg/L (96h, Pimephales promelas) LC50: =32mg/L (96h, Lepomis macrochirus) LC50: 9.1 - 15.6mg/L (96h, Pimephales promelas) LC50: =9.6mg/L (96h, Poecilia reticulata)	EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h	EC50: 1.8 - 2.4mg/L (48h, Daphnia magna)

Persistence and degradability

No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient	
Ethanol 64-17-5	-0.35	
Stoddard solvent	6.4	

8052-41-3	
Butanone oxime 96-29-7	0.65
Benzaldahyde 100-52-7	1.4
Ethylbenzene 100-41-4	3.6

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused products

u

Dispose of in accordance with local regulations, Dispose of waste in accordance with

environmental legislation.

Contaminated packaging

Do not reuse empty containers.

California waste information

This product contains one or more substances that are listed with the State of California as

a hazardous waste.

14. Transport information

DOT Not regulated

TDG Not regulated

<u>IATA</u> Not regulated

<u>IMDG</u> Not regulated

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

Contact supplier for inventory compliance status

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %	
Ethylbenzene - 100-41-4	0.1	

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ethylbenzene 100-41-4	1000 lb	X	Х	Х

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Ethylbenzene 100-41-4	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:.

Chemical name	California Proposition 65	
Ethanol - 64-17-5	Carcinogen	
	Developmental	
Carbon black - 1333-86-4	Carcinogen	
Ethylbenzene - 100-41-4	Carcinogen	
Cumene - 98-82-8	Carcinogen	
Toluene - 108-88-3	Developmental	
Benzene - 71-43-2	Carcinogen	
	Developmental	
	Male Reproductive	
Naphthalene - 91-20-3	Carcinogen	

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Ethanol 64-17-5	X	X	X
Carbon black 1333-86-4	X	X	X
Stoddard solvent 8052-41-3	X	X	X
Benzaldahyde 100-52-7	X	X	X
Ethylbenzene 100-41-4	X	X	X
Cumene 98-82-8	X	X	X
Toluene 108-88-3	X	X	X
Naphthalene 91-20-3	X	X	X

Benzene	X	X	X
71-43-2			

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA Health hazards 3 Flammability 0 Instability 0 Special hazards - HMIS Health hazards * 3 Flammability 0 Physical hazards 0 Personal protection X Chronic Hazard Star Legend *= Chronic Health Hazard

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value * Skin designation

+ Sensitizers

Key literature references and sources for data used to compile the SDS

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA) EPA (Environmental Protection Agency) Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet