

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Preparation of safety data sheets for hazardous chemicals Code of Practice June 2023

SDS # : A-10734

**456 Toner Black, Cyan, Magenta,
yellow**

Issuing Date 11-Oct-2025

Revision date 14-Jan-2026

Revision Number 1

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name

456 Toner for Lexmark C2132, Lexmark CS310, Lexmark CS317, Lexmark CS410, Lexmark CS417, Lexmark CS510, Lexmark CS517, Lexmark CX310, Lexmark CX317, Lexmark CX410, Lexmark CX417, Lexmark CX510, Lexmark CX517, Lexmark XC2130, Lexmark XC2132

Part no.

24B4811, 24B6011, 70C00KG, 70C0H10, 70C0HKG, 70C0X10, 70C0X1K, 70C0XKG, 70C10K0, 70C1HK0, 70C1XK0, 70C20K0, 70C20KE, 70C2HK0, 70C2HKE, 70C2XK0, 70C2XKE, 70C3XKK, 70C80K0, 70C80KE, 70C8HK0, 70C8HKE, 70C8XK0, 70C8XKE, 70CBHK0, 71B0010, 71B0H10, 71B0X10, 71B10K0, 71B1HK0, 71B1XK0, 71B20K0, 71B2HK0, 71B2XK0, 71B30K0, 71B3HK0, 71B3XK0, 71B40K0, 71B4HK0, 71B4XK0, 71B50K0, 71B5HK0, 71B5XK0, 71B60K0, 71B6HK0, 71B6XK0, 80C00KG, 80C0H10, 80C0HKG, 80C0S10, 80C0SKG, 80C0X10, 80C0XKG, 80C10K0, 80C1HK0, 80C1SK0, 80C1XK0, 80C20K0, 80C20KE, 80C2HK0, 80C2HKE, 80C2SK0, 80C2SKE, 80C2XK0, 80C2XKE, 80C80K0, 80C80KE, 80C8HK0, 80C8HKE, 80C8SK0, 80C8SKE, 80C8XK0, 80C8XKE, 80CBSK0, 24B4805, 24B6008, 70C00CG, 70C0H20, 70C0HCG, 70C0X20, 70C0X2K, 70C0XCG, 70C10C0, 70C1HC0, 70C1XC0, 70C20C0, 70C20CE, 70C2HC0, 70C2HCE, 70C2XC0, 70C2XCE, 70C3XCK, 70C80C0, 70C80CE, 70C8HC0, 70C8HCE, 70C8XC0, 70C8XCE, 70CBHC0, 70CBXC0, 71B0020, 71B0H20, 71B10C0, 71B1HC0, 71B20C0, 71B2HC0, 71B30C0, 71B3HC0, 71B40C0, 71B4HC0, 71B50C0, 71B5HC0, 71B60C0, 71B6HC0, 80C00CG, 80C0H20, 80C0HCG, 80C0S20, 80C0SCG, 80C0X20, 80C0XCG, 80C10C0, 80C1HC0, 80C1SC0, 80C1XC0, 80C20C0, 80C20CE, 80C2HC0, 80C2HCE, 80C2SC0, 80C2SCE, 80C2XC0, 80C2XCE, 80C80C0, 80C80CE, 80C8HC0, 80C8HCE, 80C8SC0, 80C8SCE, 80C8XC0, 80C8XCE, 80CBSC0, 24B4807, 24B6009, 70C00MG, 70C0H30, 70C0HMG, 70C0X30, 70C0X3K, 70C0XMG, 70C10M0, 70C1HM0, 70C1XM0, 70C20M0, 70C20ME, 70C2HM0, 70C2HME, 70C2XM0, 70C2XME, 70C3XMK, 70C80M0, 70C80ME, 70C8HM0, 70C8HME, 70C8XM0, 70C8XME, 70CBHM0, 70CBXM0, 71B0030, 71B0H30, 71B10M0, 71B1HM0, 71B20M0, 71B2HM0, 71B30M0, 71B3HM0, 71B40M0, 71B4HM0, 71B50M0, 71B5HM0, 71B60M0, 71B6HM0, 80C00MG, 80C0H30, 80C0HMG, 80C0S30, 80C0SMG, 80C0X30, 80C0XMG, 80C10M0, 80C1HM0, 80C1SM0, 80C1XM0, 80C20M0, 80C20ME, 80C2HM0, 80C2HME, 80C2SM0, 80C2SME, 80C2XM0, 80C2XME, 80C80M0, 80C80ME, 80C8HM0, 80C8HME, 80C8SM0, 80C8SME, 80C8XM0, 80C8XME, 80CBSM0, 24B4809, 24B6010, 70C00YG, 70C0H40, 70C0HYG, 70C0X40, 70C0X4K, 70C0XYG, 70C10Y0, 70C1HY0, 70C1XY0, 70C20Y0, 70C20YE, 70C2HY0, 70C2HYE, 70C2XY0, 70C2XYE, 70C3XYK, 70C80Y0, 70C80YE, 70C8HY0, 70C8HYE, 70C8XY0, 70C8XYE, 70CBHY0, 70CBXY0, 71B0040, 71B0H40, 71B10Y0, 71B1HY0, 71B20Y0, 71B2HY0, 71B30Y0, 71B3HY0, 71B40Y0, 71B4HY0, 71B50Y0, 71B5HY0, 71B60Y0, 71B6HY0, 80C00YG, 80C0H40, 80C0HYG, 80C0S40, 80C0SYG, 80C0X40, 80C0XYG, 80C10Y0, 80C1HY0, 80C1SY0, 80C1XY0, 80C20Y0, 80C20YE, 80C2HY0, 80C2HYE, 80C2SY0, 80C2SYE, 80C2XY0, 80C2XYE, 80C80Y0, 80C80YE, 80C8HY0, 80C8HYE, 80C8SY0, 80C8SYE, 80C8XY0, 80C8XYE, 80CBSY0

Other means of identification

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Printing

Uses advised against No information available

Details of manufacturer or importer

Supplier

Lexmark International (Australia) Pty Limited
Building B, Suite 2, Level 4
11 Talavera Road
Macquarie Park
NSW 2113

For further information, please contact

Contact Point Manager, Environment, Health, Safety & Sustainability

E-mail address austinfo@lexmark.com

For the most current document https://www.lexmark.com/en_us/supplies-and-parts/printer-supplies-finder/material-safety-data-sheets.html

Emergency telephone number

Emergency telephone number Australian Poisons Information Centre's 24-hour phone 13 11 26

Section 2: Hazard(s) identification

Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS). Not classified.

Label elements

Hazard statements

No hazard statements required.

Other hazards which do not result in classification

May form explosive dust-air mixture if dispersed.

Section 3: Composition/information on ingredients

Chemical name	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Styrene-acrylate polymer	Proprietary	75-85	--
Carbon black	1333-86-4	0-10	--
Yellow Pigment	Proprietary	0-10	--
Magenta pigment	Proprietary	0-10	--
Cyan Pigment	147-14-8	0-10	--
Charge Control Agent	Proprietary	<1	Acute Tox. 4 (H302) Aquatic Acute 1 (H400)

			Aquatic Chronic 1 (H410)
Titanium dioxide	13463-67-7	<1	--
Non-hazardous ingredients	Proprietary		Balance

Note

Full text of H- statements: see section 16

"--" indicates no classification or hazard statements apply.

Section 4: First aid measures**Description of first aid measures**

General advice	For external use only. Get medical attention if irritation or other symptoms occur. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
Skin contact	Wash skin with soap and water.
Ingestion	Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms	Dust irritates eyes and air passages.
Effects of Exposure	No information available.

Indication of any immediate medical attention and special treatment needed

Note to doctors	Treat symptomatically.
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Section 5: Firefighting measures**Suitable Extinguishing Media**

Suitable extinguishing equipment	Use water spray or fog; do not use straight streams.
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Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
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Specific hazards arising from the chemical

Specific hazards arising from the chemical	Fine dust dispersed in air may ignite.
Hazardous combustion products	Hazardous decomposition products due to incomplete combustion. Carbon dioxide (CO ₂). Nitrogen oxides (NO _x).

Special protective actions for firefighters

Special protective equipment and precautions for fire-fighters	In case of fire: Wear self-contained breathing apparatus. Use personal protective equipment.
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Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid generation of dust. Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

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

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Precautions to prevent secondary hazards

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections See section 8 for more information. See section 13 for more information.

Section 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Advice on safe handling Avoid generation of dust. Ensure adequate ventilation.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

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

Incompatible materials None known based on information supplied.

Section 8: Exposure controls and personal protection

Control Parameters

Exposure Limits

Chemical name	Australia	New Zealand	ACGIH TLV
Carbon black	TWA: 3 mg/m ³	TWA: 3 mg/m ³	TWA: 3 mg/m ³ inhalable particulate matter
Cyan Pigment	-	-	TWA: 1 mg/m ³ Cu dust and mist
Titanium dioxide	TWA: 10 mg/m ³	TWA: 2.5 mg/m ³ TWA: 0.2 mg/m ³	TWA: 0.2 mg/m ³ nanoscale respirable particulate matter TWA: 2.5 mg/m ³ finescale respirable particulate matter

Chemical name	European Union	United Kingdom	Germany DFG
Carbon black	-	TWA: 3.5 mg/m ³ STEL: 7 mg/m ³	-

Cyan Pigment	-	TWA: 1 mg/m ³ STEL: 2 mg/m ³	-
Titanium dioxide	-	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 0.3 mg/m ³ Peak: 2.4 mg/m ³

Note See section 16 for terms and abbreviations.

Biological occupational exposure limits This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Appropriate engineering controls

Engineering controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Hand protection No special protective equipment required.

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.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

Thermal hazards No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state Solid
Colour Black, Cyan, Magenta, yellow
Odour Faint

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flammability	Not flammable. Will not readily ignite.	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	No data available	None known
Auto-ignition temperature	No data available	None known
Decomposition temperature		None known
SADT (°C)	No data available	None known
pH	No data available	None known
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapour pressure	No data available	None known
Relative density	No data available	None known
Bulk density	No data available	

Liquid Density	No data available	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	4 - 9 micron	

Other information

VOC content	None
Softening point	49 - 60 °C / 120 - 140 °F

Information with regard to physical hazard classes

Explosive properties	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard
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Section 10: Stability and reactivity**Reactivity**

Reactivity	No dangerous reaction known under conditions of normal use.
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Chemical stability

Stability	Stable under normal conditions.
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Explosion data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.

Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal processing.
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Conditions to avoid

Conditions to avoid	Generation/formation of dust.
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Incompatible materials

Incompatible materials	None known based on information supplied.
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Hazardous decomposition products

Hazardous decomposition products	None known based on information supplied.
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Section 11: Toxicological information**Information on likely routes of exposure****Product Information**

Inhalation	No known effects under normal use conditions.
Eye contact	No hazard from product as supplied.
Skin contact	No hazard from product as supplied.
Ingestion	No hazard from product as supplied.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms None known.

Acute toxicity Based on available data, the classification criteria are not met.

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)	5,661.30 mg/kg
ATEmix (inhalation-gas)	99,999.00 ppm
ATEmix (inhalation-vapour)	99,999.00 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Carbon black	> 10000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 4.6 mg/m ³ (Rat) 4 h
Magenta pigment	> 23 g/kg (Rat)	> 3000 mg/kg (Rabbit)	> 3.055 mg/L (Rat) 4 h
Cyan Pigment	> 6400 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
Titanium dioxide	> 2000 mg/kg (Rat)	-	> 5.09 mg/L (Rat) 4 h

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

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity Not mutagenic in AMES Test.

Carcinogenicity

The IARC (International Agency for Research on Cancer) has listed carbon black as "possibly carcinogenic to humans". However, We have concluded that the presence of carbon black in this mixture does not present a health hazard. The IARC classification is based on studies evaluating pure, "free" carbon black. In contrast, toner is a formulation composed of specially prepared polymer and a small amount of carbon black (or other pigment). In the process of making toner, the small amount of carbon black becomes encapsulated within a matrix. We have performed extensive testing of toner, including a chronic bioassay (test for potential carcinogenicity). Exposure to toner did not produce evidence of cancer in exposed animals. The results were submitted to regulatory agencies and published extensively.

The IARC (International Agency for Research on Cancer) has listed titanium dioxide as "possibly carcinogenic to humans". However, we have concluded that the presence of titanium dioxide in this mixture does not present a health hazard. The IARC classification is based on studies in rats using high concentrations of pure, unbound TiO₂ particles of respirable size. Epidemiological studies do not suggest a carcinogenic effect in humans. In addition, the titanium dioxide in this mixture is encapsulated in a matrix or bound to the surface of the toner. Based on available data, the classification criteria are not met.

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

Chemical name	Australia	European Union	IARC
Carbon black	-	-	Group 2B - Possibly carcinogenic to humans
Titanium dioxide	-	Carc. 2	Group 2B - Possibly carcinogenic to humans

Reproductive toxicity	This product does not contain any known or suspected reproductive hazards.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

Section 12: Ecological information

Ecotoxicity Based on available data, the classification criteria are not met.

Aquatic ecotoxicity

Product Information

96-hour LC50	> 1000000 µg/l (marine water) mg/L <i>Fundulus heteroclitus</i>
48-hour EC50	> 1000 mg/L <i>Daphnia magna</i>
72-hour EC50	EC50: = 370, ErC50: >625, EyC50: = 368 mg/L <i>Pseudokirchneriella subcapitata</i>

Terrestrial ecotoxicity Based on available data, the classification criteria are not met.

Persistence and degradability No information available.

Bioaccumulative potential

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Chemical name	Partition coefficient	Bioconcentration factor (BCF)	Trophic magnification factor (TMF)
Magenta pigment	2.2	-	-
Cyan Pigment	6.6	11	-

Mobility in soil The product is insoluble and floats on water.

Other adverse effects No information available.

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.

Section 13: Disposal considerations

Disposal methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Other information

Do not re-use empty containers.
Although toner is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways. Do Not Pour Product Down the Drain; Do Not Rinse the Container Before Disposal.

See section 8 for more information

Section 14: Transport information

ADG Not regulated

IATA Not regulated

IMDG Not regulated

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information available

Section 15: Regulatory information

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

National regulations

Australia

See section 8 for national exposure control parameters

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Not a Scheduled Poison when labelled as per the SUSMP

Poison Schedule Number 4 Not applicable

Australian Industrial Chemicals Introduction Scheme (AICIS)

Chemical name	Australian Industrial Chemicals Introduction Scheme (AICIS)	Additional information
Yellow Pigment	Present	-
Cyan Pigment	Present	-

Illicit Drug Precursors/Reagents

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

National pollutant inventory

Subject to reporting requirement

Chemical name	National pollutant inventory
Cyan Pigment	10 tonne/yr Threshold category 1 2000 tonne/yr Threshold category 2b 60000 MWH Threshold category 2b 20 MW Threshold category 2b

International Inventories

AIIC Complies.

NZIoC Complies.

TSCA Complies.

DSL/NDL	Complies.
EINECS/ELINCS	Complies.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
TCSI	Contact supplier for inventory compliance status.

Legend:

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TCSI - Taiwan Chemical Substance Inventory

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**Section 16: Any other relevant information****Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

Revision date 14-Jan-2026**Revision Note** Update to Format**Key or legend to abbreviations and acronyms used in the safety data sheet***List may include phrases which are not applicable to this product*

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe)
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)
AIIC	Australian Inventory of Industrial Chemicals
ATE	Acute Toxicity Estimate
ASTM	American Society for the Testing of Materials
bar	Biological Reference Values for Chemical Compounds in the Work Area
BAT	Biological tolerance values for occupational exposure
BEL	Biological exposure limits
bw	Body weight
Ceiling	Maximum limit value
CMR	Carcinogen, Mutagen or Reproductive Toxicant
DOT	Department of Transportation (United States)
DSL	Domestic Substances List (Canada)
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)

EPA	U.S. Environmental Protection Agency
GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organisation
IECSC	Inventory of Existing Chemical Substances in China
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Organisation for Standardisation
KECI	Korean Existing Chemicals Inventory
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
MAK	Maximum Concentration at the Workplace
MARPOL	International Convention for the Prevention of Pollution from Ships
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOELR	No Observable Effect Loading Rate
NZIoC	New Zealand Inventory of Chemicals
OECD	Organisation for Economic Cooperation and Development
OEL	Occupational exposure limits
PBT	Persistent, Bioaccumulative and Toxic substance
PICCS	Philippines Inventory of Chemicals and Chemical Substances
PMT	Persistent, Mobile and Toxic
PPE	Personal protective equipment
QSAR	Quantitative Structure Activity Relationship
RID	Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)
SADT	Self-Accelerating Decomposition Temperature
SAR	Structure-activity relationship
SDS	Safety Data Sheet
SL	Surface Limit
STEL	Short Term Exposure Limit
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
TCSI	Taiwan Chemical Substance Inventory
TDG	Transport of Dangerous Goods (Canada)
TSCA	Toxic Substances Control Act (United States)
TWA	Time-Weighted Average
UN	United Nations
VOC	Volatile organic compounds
vPvB	Very Persistent and Very Bioaccumulative
vPvM	Very Persistent and Very Mobile
As	Allergenic substance
DS	Dermal Sensitiser
Ot	Ototoxicant
pOt	Ototoxicant - potential to cause hearing disorders
PS	Photosensitiser
RS	Respiratory Sensitiser
S	Sensitiser
poS	Sensitiser - capable of causing occupational asthma
Sa	Simple asphyxiant
Sd	Skin designation
pSd	Skin designation - potential for cutaneous absorption
Sdv	Skin designation - vacated

Sk	Skin notation
dSk	Skin notation - danger of cutaneous absorption
pSk	Skin notation - potential for cutaneous absorption

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

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
U.S. 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 National Institute of Technology and Evaluation (NITE)
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
Australian Industrial Chemicals Introduction Scheme (AICIS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
United Nations World Health Organization (WHO)

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