

Safety Data Sheet per OSHA HazCom 2012

	Reviewed on 03/22/2012
1	Identification
	Product identifier
	Product name: <u>Gentamycin sulfate, 600 I.U./mg</u> Stock number: J62834
	CAS Number:
	1405-41-0 EC number:
	215-778-9 Relevant identified uses of the substance or mixture and uses advised against.
	Identified use: SU24 Scientific research and development
	Details of the supplier of the safety data sheet Manufacturer/Supplier:
	Alfa Aesar Thermo Fisher Scientific Chemicals, Inc.
	30 Bond Street
	Ward Hill, MA 01835-8099 Tel: 800-343-0660 Fax: 800-322-4757
	Email: tech@alfa.com
	www.alfa.com Information Department: Health, Safety and Environmental Department
	Emergency telephone number: During normal business hours (Monday-Friday, 8am-7pm EST), call (800) 343-0660. After normal business hours, call Carechem 24 at (866) 928-0789.
2	Hazard(s) identification
~	Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)
	GHS08 Health hazard
	Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
	GHS07
	Skin Sens. 1 H317 May cause an allergic skin reaction. Hazards not otherwise classified No information known.
	Label elements GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms
	GHS08
	Signal word Danger Hazard statements
	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction.
	Precautionary statements
	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eve protection/face protection
	P284 In case of inadequate ventilation wear respiratory protection. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/ P363 Wash contaminated clothing before reuse.
	P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
	WHMIS classification D2A - Very toxic material causing other toxic effects
	$\widehat{\mathbf{T}}$
	$\checkmark$
	Classification system HMIS ratings (scale 0-4)
	(Hazardous Materials Identification System)
	HEALTH I Health (acute effects) = 1 FIRE I Flammability = 1
	REACTIVITY 1 Physical Házard = 1
	Other hazards Results of PBT and vPvB assessment
	PBT: Not applicable. vPvB: Not applicable.
2	Composition/information on ingredients
J	Chemical characterization: Substances
	CAS# Description: 1405-41-0 Gentamycin sulfate
	Identification number(s): EC number: 215-778-9
4	First-aid measures Description of first aid measures
	After inhalation
	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice.
	(Contd. on page 2) USA

(Contd. of page 1)

## Product name: Gentamycin sulfate, 600 I.U./mg

After skin contact

Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing Seek medical treatment. Information for doctor

Most important symptoms and effects, both acute and delayed No further relevant information available. Indication of any immediate medical attention and special treatment needed No further relevant information available.

### 5 Fire-fighting measures

Extinguishing media Suitable extinguishing agents Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Special hazards arising from the substance or mixture If this product is involved in a fire, the following can be released: Carbon monoxide and carbon dioxide Sulfur oxides (SOx) Nitrogen oxides (NOx) Advice for firefighters Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.

## 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Environmental precautions: Do not allow material to be released to the environment without proper governmental permits. Methods and material for containment and cleaning up: Dispose of contaminated material as waste according to section 13. Prevention of secondary hazards: No special measures required. Reference to other sections See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

### 7 Handling and storage

Handling

Precautions for safe handling Keep container tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation at the workplace. Prevent formation of dust.

Information about protection against explosions and fires: No information known.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: No special requirements. Information about storage in one common storage facility: Store away from oxidizing agents. Further information about storage conditions:

Keep container tightly sealed. Store in cool, dry conditions in well sealed containers. **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

# Control parameters Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. Additional information: No data

### Exposure controls

Personal protective equipment General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work.

Maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are present. Protection of hands:

Impervious gloves

The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. **Penetration time of glove material (in minutes)** Not determined **Eye protection:** Safety glasses **Body protection:** Protective work clothing.

### 9 Physical and chemical properties

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Information on basic physical and o General Information Appearance: Form: Color: Odor: Odor threshold:	hemical properties Powder White Not determined Not determined.			
pH-value:	Not applicable.			
Change in condition Melting point/Melting range:	Not determined			

(Contd. on page 3)

# Product name: Contamycin sulfate 600 111/ma

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Building pointBuilding ange:         Not determined by the determined		Nevic	ewed on 03/22/2012			
Building pointBuilding ange:         Not determined by the determined	roduct name: Gentamycin sulfate,	600 I.U./mg				
Sublimation temperature 1 start: No determined to the second seco			(Contd. of page 2)			
Farmanisting (solid, gassous)         Mult determined.           Composition Interpretation         Mult determined.           Auto Baining:         Mult determined.           Lower:         Mult determined.           Mult determined.         Mult determined.           Stability and reactivity         Reactivity (in thornation on the Mult determined.           Particity (in thornation on the Mult determined.         Mult determined.           Mult determined.         Mult determined.           Stability and reactivity         Reactivity (in thornation on the Mult determined.           Mult determined.         Mult determined.	Boiling point/Boiling range:		<u> </u>			
Barbon Demperature.         Not determined           Danger of explosion:         Not determined.           Danger of explosion:         Not determined.           Lows:         Not determined.           Upper:         Not determined.           Parager of explosion:         Not determined.           Parager of explosion:         Not determined.           Parager of explosion:         Not determined.           Personalion reserves.         Not explosion.           Parallelic coefficient (nocatanober personnerold storage coefficient.         Not explosion.           Parallelic coefficient (nocatanober personnerold storage coefficient.         Not explosion.           Control Information         Not Explosion.         Not explosion.           Control Information explosion explosion.         Not explosion.         Not explosion.           Control Information explosion.         Not explosion.         Not explosion.           Control Information explosion.         Not explosion.         Not explosion.           Control Information explosion.         Not explosion.         Not explosion.           Control	Sublimation temperature / start: Flammability (solid. gaseous)					
Auto Bairling:         Not determined.           Darger of explosion:         Not determined.           Upper         Not determined.           Upper         Not determined.           Upper         Not determined.           Density:         Not determined.           Partition conticent (n-cananowate): Not determined.         Not applicable.           Other Information         Not applicable.           Other Information Information Information Information available.         Not applicable.           Of stability and reactivity         Reactivity in national information Informat	lanition temperature:	Not determined				
Danger of septesion:         Not determined           Explosion:         Not determined           Uppor:         Not determined           Stability donsity         Not deploy in the second in the						
Explosion finites: Not determined Upper Web determined Veb determi	Danger of explosion:					
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Peletivis density         Not determined.           Proportional         Wei applicable.           Subjitity in Maschilly with         Not determined.           Partition collision (Incomativate):         Not applicable.           Minimum Collision (Incomativate):         Not applicable.           Market Collision (Incomation (Incomativate):         Not applicable.           Other Information         No further relevant information available.           O Stability and reactivity         Reactivity (Notionmation available.           Partition collision: Conditions to be avoided: Decomposition information available.         Stability and reactivity:           Prescripting (Notionmation Information available.         Stability and reactivity:         Reactivity (Notionmation Information Information available.           Information on toxicological Information         Not explain of the matchilds: Collision application available.         Not explain application application application application application application application application.           Information on toxicological Information         Not explain application application.         Not explain application.           Stability of coxic classification         Ontil Difference Correlation application.         Not explain application.           Not collegical Information         Not explain application.         Not explain application.         Not explain application.           Not collegical Infor	Vapor pressure:					
Evaporation rate Watter Watter Partition coefficient (In-octanol/water): Not displicable.         Not applicable.           O Stability and reactivity         Not applicable.           Of applicable.         Not applicable.           Other information         Not applicable.           Premaid Stability of Insertion Innorm.         Not applicable.           Interview Interview Interview Information Innorm.         Not applicable.           Interview Interview Interview Interview Information Innorm.         Not applicable.           Not applicable.         Not applicable.           Not applicable.         Not applicable.           Not applicable.         Not appli	Relative density	Not determined.				
Solubility in / Miscibility with mean for commond pressure in a contrast of the second						
Participant Control (Incontantive Market)         Wet applicable           O Stability and reactivity         Wet applicable           Presentation         Wet applicable           O Stability and reactivity         Presentation and the reactivity of the presentation available.           Presentation of the information         Wet applicable           Control of the information         Wet applicable           Presentation of the information         Wet applicable           Internation on toxicological information         Presentation           Introduction of the information on toxicological information         Presentation and the information on toxicological effects           Introduction of correstion information         Presentation on toxicological information           Presentation on correstion information         Presentation on toxicological information           Presentation on correstion information         Presentation on correstion information           Indication on correstion information         Presentation on correstion information           Indication on correstion information         Presentation on correstion information           Indication on correstin information         Presentation on correstio	Solubility in / Miscibility with					
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Peactivity No information known. Chemical statistic 'Stability Stability Inter recommended storage conditions. Thermal decomposition 'conditions to be avoided: Decomposition will not occur if used and stored according to specifications. Promatible materials: Oxiding agents Incompatible materials: Oxiding agents Suffic routes Suffic routes Information on toxicological effects Actual toxicity: The Registry of Toxic Effects of Chemical Substances (RTECS) contains acute toxicity data for this substance. IDIC 50 values that are relevant for classification: Oral LDSGI >5000 mg/kg (rah) Skin Inflation or corrosion: May cause inflation Gravit LDSGI >5000 mg/kg (rah) Skin Inflation or corrosion: May cause inflation Gravit LDSGI >5000 mg/kg (rah) Skin Inflation or corrosion: May cause inflation Gravit LDSGI >5000 mg/kg (rah) Skin Inflation or corrosion: May cause inflation Gravit LDSGI >5000 mg/kg (rah) Skin Inflation or corrosion: May cause inflation Gravit Degravity, No dissification data on carrosion: Skip causes (RTECS) contains mutation data for this substance. Specific target or as that agent toxicity - repeater of the material Substances (RTECS) contains reproductive data for this substance. Specific target or any store officity. We affects forown Additional toxicological information Toxicity. No flats the relevant information available. Represent of the corristy: No effects forown Additional toxicological information Specific target of the set of our howed approxements proper disposal. Additional coxicological information Additional coxicological information Specific target of the envinforment without proper governmental permits. Porticity Adjua	Other information	No further relevant information available.				
Information on toxicological effects Acute toxicity: The Registry of Taxic Effects of Chemical Substances (RTECS) contains acute toxicity data for this substance. LDLCS0 values that are relevant for classification: Oral LDS0 - 5000 mg/kg (rd) Skin irritation or corrosion: May cause irritation Sensitization: Germ cell mutagenicity: The Registry of Toxic Effects of Chemical Substances (RTECS) contains mutation data for this substance. Carcinogenicity: No classification data on carcinogenic properties of this material is available from the EFA, IARC, NTP, OSNA or ACGH. Reproductive toxicity: The Registry of Toxic Effects of Chemical Substances (RTECS) contains reproductive data for this substance. Carcinogenicity: No classification data on carcinogenic properties of this for the EFA, IARC, NTP, OSNA or ACGH. Reproductive toxicity: The Registry of Toxic Effects of Chemical Substances (RTECS) contains reproductive data for this substance. Specific target organ system toxicity - repeated exposure: No effects known. Subacute to chronic toxicity: No effects known. Additional toxicological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. 21 Ecological information Toxicity Aquatic toxicity: No further relevant information available. Persistence and degradability No ultre relevant information available. Bioaccumulative potential NS turther relevant information available. Bioaccumulative policinal information: General notes: Do not allow undikide product or large quantities to reach ground water, water course or sewage system. Additional ecological information: General notes: Do not allow undikide product or large quantities to reach ground water, water course or sewage system. Additional policiable. Other adverse effects No further relevant information available. Persistence and degradability No Lutter relevant information available. The adverse effects No further relevant information available. Oth adverse effects No further relevan	Chemical stability Stable under recommended storage conditions. Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications. Possibility of hazardous reactions Reacts with strong oxidizing agents Conditions to avoid No further relevant information available. Incompatible materials: Oxidizing agents Hazardous decomposition products: Carbon monoxide and carbon dioxide					
Eye irritation or corrosion: May cause irritation         May: cause all right or corrosion: May cause irritation         May: cause all right or corrosion: May cause irritation         May: cause all right or corrosion: May cause irritation         May: cause all right or corrosion: May cause irritation         May: cause all right or corrosion: May cause irritation         Germ cell mutagenicity: The Registry of Toxic Effects of Chemical Substances (RTECS) contains mutation data for this substance.         Specific farget organ system toxicity - repeated exposure: No effects known.         Specific farget organ system toxicity - single exposure: No effects known.         Subscute to chronic toxicity: No effects known.         Additional toxicological information:         Toxicity         Additional toxicological information available.         Persistence and degradability No further relevant information available.         Bioaccumulative potential No further relevant information available.         Do not allow material as to releaved to the environment without proper governmental permits.         Do not allow material is to releaved to relevant information available.         Motificaties in the environment.         Results of PBT and VPVB assessment         PBT: Not applicable.         Other adverse effects No further relevant information available.         Motificaties in the environment.         Results of PBT and V	Information on toxicological effects Acute toxicity: The Registry of Toxic Effects of Chemical Substances (RTECS) contains acute toxicity data for this substance. LD/LC50 values that are relevant for classification: Oral LD50 >5000 mg/kg (rat)					
Toxicity Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. Avoid transfer into the environment. Results of PBT and vPVB assessment PBT: Not applicable. Other adverse effects No further relevant information available.         13 Disposal considerations Waste treatment methods Recommendation: Disposal must be made according to official regulations.         14 Transport information DOT, ADN, IMDG, IATA DOT, ADN, IMDG, IATA Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Not applicable	Sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Germ cell mutagenicity: The Registry of Toxic Effects of Chemical Substances (RTECS) contains mutation data for this substance. Carcinogenicity: No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH. Reproductive toxicity: The Registry of Toxic Effects of Chemical Substances (RTECS) contains reproductive data for this substance. Specific target organ system toxicity - repeated exposure: No effects known. Specific target organ system toxicity - single exposure: No effects known. Subacute to chronic toxicity: No effects known.					
Aquatic toxicity: No further relevant information available.         Persistence and degradability No further relevant information available.         Bioaccumulative potential No further relevant information available.         Mobility in soll No further relevant information available.         Additional ecological information:         General notes:         Do not allow material to be released to the environment without proper governmental permits.         Do not allow material to be ereleased to the environment.         Results of PBT and VPVB assessment         PBT: Not applicable.         vPW: Not applicable.         vPB: Not applicable.         VIncleaned packagings:         Recommendation: Disposal must be made according to official regulations.         14 Transport information         <	12 Ecological information					
Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. VPvB: Not applicable. Other adverse effects No further relevant information available. 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations. 14 Transport information UN-Number DOT, ADN, IMDG, IATA Not applicable UN proper shipping name DOT, ADN, IMDG, IATA Not applicable Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Not applicable	Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes:					
Other adverse effects No further relevant information available.         13 Disposal considerations         Waste treatment methods         Recommendation Consult state, local or national regulations to ensure proper disposal.         Uncleaned packagings:         Recommendation: Disposal must be made according to official regulations.         14 Transport information         UN-Number         DOT, ADN, IMDG, IATA         Not applicable         Transport hazard class(es)         DOT, ADR, ADN, IMDG, IATA         Not applicable	Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable.					
Waste treatment methods Recommendation Consult state, local or national regulations to ensure proper disposal. Uncleaned packagings: Recommendation: Disposal must be made according to official regulations. It Transport information UN-Number DOT, ADN, IMDG, IATA Not applicable UN proper shipping name DOT, ADN, IMDG, IATA Not applicable Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Not applicable	Other adverse effects No further releva	ant information available.				
UN-Number     Not applicable       DOT, ADN, IMDG, IATA     Not applicable       UN proper shipping name     Not applicable       DOT, ADN, IMDG, IATA     Not applicable       Transport hazard class(es)     DOT, ADR, ADN, IMDG, IATA       DOT, ADR, ADN, IMDG, IATA     Not applicable	Waste treatment methods Recommendation Consult state, local or national regulations to ensure proper disposal. Uncleaned packagings:					
DOT, ADN, IMDG, IATA     Not applicable       UN proper shipping name DOT, ADN, IMDG, IATA     Not applicable       Transport hazard class(es)     Not, ADR, ADN, IMDG, IATA       DOT, ADR, ADN, IMDG, IATA     Not applicable	4 Transport information					
DOT, ADN, IMDG, IATA     Not applicable       Transport hazard class(es)     Not applicable       DOT, ADR, ADN, IMDG, IATA     Not applicable		Not applicable				
Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class Not applicable	UN proper shipping name DOT, ADN, IMDG, IATA	Not applicable				
	Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA					
			(Contd. on page 4)			

Product name: Gentamycin sulfate, 600 I.U./mg	
	(Contd. of page 3)
Packing group DOT, IMDG, IATA	
	Not applicable
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/ Transport/Additional information:	
DOT	
Marine Pollutant (DOT):	No
UN "Model Regulation":	<del>_</del>
15 Regulatory information	
Safety, health and environmental regulations/legislatio	an specific for the substance or mixture
GHS label elements The product is classified and labeled Hazard pictograms	I in accordance with 29 CFR 1910 (OSHA HCS)
GHS08	
Signal word Danger Hazard statements	
H334 May cause allergy or asthma symptoms or breathing H317 May cause an allergic skin reaction.	g difficulties if inhaled.
Precautionary statements	
P284 In case of inadequate ventilation wear respirate P261 Avoid breathing dust/fume/gas/mist/vapours/s	správ
P280Wear protective gloves/protective clothing/eye	protection/face protection.
P280 Wear protective gloves/protective clothing/eye P342+P311 If experiencing respiratory symptoms: Call a P P363 Wash contaminated clothing before reuse.	20ISON CENTER/doctor/
P501 Dispose of contents/container in accordance v	with local/regional/national/international regulations.
National regulations This product is not listed in the U.S. Environmental Protect	tion Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted
to research and development only. This product must be u	tion Agency Toxic Substances Control Act Chemical Substance Inventory. Use of this product is restricted used by or directly under the supervision of a technically qualified individual as defined by TSCA. This producting for commercial purposes
product must not be used for commercial purposes or in fo This product is not listed on the Canadian Domestic Subst	ances List (DSL) or the Canadian Non-Domestic Substances List (NDSL).
SARA Section 313 (specific toxic chemical listings) Su	Initiations of commercial purposes. Intances List (DSL) or the Canadian Non-Domestic Substances List (NDSL). Ibstance is not listed.
<b>Prop 65 - Chemicals known to cause cancer</b> Substance	e is not listed.
Pron 65 - Developmental toyicity Substance is not listed	Y
Prop 65 - Developmental toxicity, female Substance is no Prop 65 - Developmental toxicity, male Substance is no Information about limitation of use: For use only by tech	t listed.
Uther requiations, limitations and prohibitive requiation	)/IS
Substance of Very High Concern (SVHC) according to	the REACH Regulations (EC) No. 1907/2006. Substance is not listed. and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the
The conditions of restrictions according to Article 67 a market and use must be observed.	and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on the
Substance is not listed.	avientian fax unal Substance is not listed
Annex XIV of the REACH Regulations (requiring Autho Chemical safety assessment: A Chemical Safety Assess	sment has not been carried out.
16 Other information	
Employers should use this information only as a suppleme	ent to other information gathered by them, and should make independent judgement of suitability of this
information to ensure proper use and protect the health an conformance with this Material Safety Data Sheet, or in co	nd safety of employees." This information is furnished without warranty, and any use of the product not in ombination with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing Department	
Date of preparation / last revision 11/23/2015 / -	
Abbreviations and acronyms: RD: Règlement international concernant le transport des marchandises dang	gereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
ADR: Accord européen sur le transport des marchandises dangereuses par R DOT: US Department of Transportation	Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)	)
ADX: Accord europeen sur le transport des marchandises dangereuses par R DOT: US Department of Transportation EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent UD50: Lethal dose, 50 percent	
LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent	
vPvB: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygienists (USA) OSHA: Occupational Safety and Health Administration (USA)	

OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) IARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)

USA