



Reviewed on ub/25/2015
1 Identification
Product identifier Product name: <b>Mercury(II) oxide, red</b>
Stock number: A16157
CAS Number:
21908-53-2 EC number:
244-654-7 Index number:
080-002-00-6 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)
GHS06 Skull and crossbones
Acute Tox. 2 H300 Fatal if swallowed.
Acute Tox. 1 H310 Fatal in contact with skin. Acute Tox. 2 H330 Fatal if inhaled.
GHS08 Health hazard
STOT RE 2 H373 May cause damage to the central nervous system, the kidneys, the reproductive system and the brain through prolonged or repeated exposure. Route of exposure: Oral, Inhalative.
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
GHS06 GHS08
Signal word Danger Hazard statements Hagen Hagen Hagen State if eventuated in contect with align on if inkeled
H300+H310+H330 Fatal if swallowed, in contact with skin or if inhaled. H373 May cause damage to the central nervous system, the kidneys, the reproductive system and the brain through prolonged or repeated exposure. Route of exposure: Oral, Inhalative.
Precautionary statements
P260 Do not breathe dust/fume/gas/mist/vapours/spray. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor/
P320 Specific treatment is urgent (see on this label). P361 Take off immediately all contaminated clothing.
P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
WHMIS classification D1A - Very toxic material causing immediate and serious toxic effects
Classification system
HMIS ratings (scale 0-4) (Hazardous Materials Identification System)
HEALTH II Health (acute effects) = 3
Fire     Image: Provide the state of the sta
Other hazards
Results of PBT and vPvB assessment PBT: Not applicable.
vPvB: Not'applicable.
3 Composition/information on ingredients
Chemical characterization: Substances CAS# Description: 24008-52-3 Marcun (III) ovide Duratropic®

CAS# Description: 21908-53-2 Mercury(II) oxide, Puratronic® Identification number(s): EC number: 244-654-7

Page 2/5 Printing date 11/24/2015 Reviewed on 06/25/2015

Product name: Mercury(II) oxide, red	
Index number: 080-002-00-6	(Contd. of page 1)
<ul> <li>4 First-aid measures         Description of first aid measures             General information             Immediately remove any clothing soiled by the product.             Remove breathing apparatus only after contaminated clothing has been completely removed.             In case of irregular breathing or respiratory arrest provide artificial respiration.             After inhalation             Supply fresh air. If required, provide artificial respiration. Keep patient warm.             Seek immediate medical advice.             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 eye contact Rinse opened eye for several minutes under running water. Then consult a doctor.             After eye and 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.         </li> </ul>	
5 Fire-fighting measures Extinguishing media Suitable extinguishing agents Product is not flammable. Use fire-fighting measures that suit the surrounding fire. Special hazards arising from the substance or mixture If this product is involved in a fire, the following can be released: Toxic metal oxide fume 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. Ensure adequate ventilation. 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. Open and handle container with care. Information about protection against explosions and fires: The product is not flammable 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 reducing agents. Store away from metal powders. Store away from halogens. 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:         21908-53-2 Mercury(II) oxide, Puratronic® (100.0%)         PEL (USA)       Long-term value: 0.1 mg/m <sup>3</sup>	
<ul> <li>as Hg; see OSHA standard interpretation memo</li> <li>REL (USA) Long-term value: 0.05* mg/m<sup>3</sup> Ceiling limit value: 0.1 mg/m<sup>3</sup> as Hg; *Vapor; Skin</li> <li>TLV (USA) Long-term value: 0.025 mg/m<sup>3</sup> as Hg; Skin; BEI</li> <li>EL (Canada) Long-term value: 0.025 mg/m<sup>3</sup> as Hg; Skin, R</li> <li>EV (Canada) Long-term value: 0.025 mg/m<sup>3</sup> as Hg; Skin</li> </ul>	(Contd. on page 3)

(Contd. on page 3)

Product name: Mercury(II) oxide, red			
	(Contd. of page 2		
Ingredients with biological limit value			
21908-53-2 Mercury(II) oxide, Puratro			
BEI (USA) 35 μg/L Medium: urine Time: prior to shift Parameter: Total inorganic i 15 μg/L			
Medium: blood Time: end of shift at end of Parameter: Total inorganic i	workweek mercury (background)		
Additional information: No data			
Keep away from foodsfuffs, beverages Remove all soiled and contaminated clo Wash hands before breaks and at the e Store protective clothing separately. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate I <b>Breathing equipment</b> : Use self-contail <b>Recommended filter device for short</b> Use a respirator with type P100 (USA) of purifying respirators are appropriate. O <b>Protection of hands:</b> Impervious gloves Check protective gloves prior to each u	handling chemicals should be followed. and feed. orbing immediately. end of work. working environment. ined respiratory protective device in emergency situations. <b>t term use:</b> or P3 (EN 143) cartridges as a backup to engineering controls. Risk assessment should be performed to determine if air- Dnly use equipment tested and approved under appropriate government standards. Ise for their proper condition. Iy depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer. <b>n minutes)</b> 480		
9 Physical and chemical propertie. Information on basic physical and ch General Information	28		
Appearance: Form: Color: Odor:	Powder Dark orange Odorless		
Odor threshold:	Not determined.		
pH-value:	Not applicable.		
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature: Auto igniting:	500 °C (932 °F) (dec) Not determined Not determined Not determined Not determined Not determined Not determined		
Danger of explosion: Explosion limits:	Not determined.		
Lower: Upper: Vapor pressure: Density at 20 °C (68 °F): Relative density Vapor density Evaporation rate Solubility in / Miscibility with	Not determined Not determined Not applicable. 11.14 g/cm³ (92.963 lbs/gal) Not determined. Not applicable. Not applicable.		
Water at 25 °C (77 °F): Partition coefficient (n-octanol/water Viscosity:	•		
dynamic: kinematic: Other information	Not applicable. Not applicable. No further relevant information available.		
10 Stability and reactivity Reactivity No information known. Chemical stability Stable under recom Thermal decomposition / conditions Possibility of hazardous reactions No Conditions to avoid No further relevan Incompatible materials: Reducing agents Metal powders Halorans	to be avoided: Decomposition will not occur if used and stored according to specifications. Io dangerous reactions known		

Metal powders Halogens Hazardous decomposition products: Toxic metal oxide fume

## 11 Toxicological information

Information on toxicological effects Acute toxicity: Fatal if inhaled. Fatal in contact with skin. Fatal if swallowed.

roduct name: Mercury(II) oxide, red	
Danger through skin absorption.	(Contd. of page
The Registry of Toxic Effects of Chemical Substances (RTI	ECS) contains acute toxicity data for this substance.
LD/LC50 values that are relevant for classification:           Oral         LD50         18 mg/kg (rat)	
Dermal LD50 315 mg/kg (rát)	
Skin irritation or corrosion: May cause irritation Eye irritation or corrosion: May cause irritation	
Sensitization: No sensitizing effects known.	
Germ cell mutagenicity: No effects known. Carcinogenicity:	
EPA-D: Not classifiable as to human carcinogenicity: inage IARC-3: Not classifiable as to carcinogenicity to humans.	equate human and animal evidence of carcinogenicity or no data are available.
ACGIH A4: Not classifiable as a human carcinogen: Inadec Reproductive toxicity: The Registry of Toxic Effects of Cl	quate data on which to classify the agent in terms of its carcinogenicity in humans and/or animals. nemical Substances (RTECS) contains reproductive data for this substance.
Specific target organ system toxicity - repeated exposu	<i>ine:</i> neys, the reproductive system and the brain through prolonged or repeated exposure. Route of exposure:
Orál, Inhalative.	
Specific target organ system toxicity - single exposure Aspiration hazard: No effects known.	: No effects known.
Subacute to chronic toxicity: No effects known.	knowledge the acute and chronic toxicity of this substance is not fully known.
2 Ecological information	
Toxicity	
Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information	ation available.
Bioaccumulative potential No further relevant information Mobility in soil No further relevant information available.	i available.
Ecotoxical effects:	
Remark: Very toxic for aquatic organisms Additional ecological information:	
General notes: Do not allow material to be released to the environment wit	thout proper governmental permits.
Do not allow product to reach ground water, water course on Danger to drinking water if even extremely small quantities	or sewade system, even in small quantities.
Also poisonous for fish and plankton in water bodies.	ieak into the ground.
May cause long lasting harmful effects to aquatic life. Avoid transfer into the environment.	
Very toxic for aquatic organisms Results of PBT and vPvB assessment	
PBT: Not applicable.	
VDVR· Not annlicable	
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations	ilable.
vPvB: Not applicable. Other adverse effects No further relevant information available.	ons to ensure proper disposal.
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings:	ons to ensure proper disposal.
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number	ons to ensure proper disposal. fficial regulations.
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name	ons to ensure proper disposal. fficial regulations. UN1641
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number	ons to ensure proper disposal. fficial regulations.
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es)	ons to ensure proper disposal. official regulations. UN1641 Mercury oxide
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA	ons to ensure proper disposal. official regulations. UN1641 Mercurv oxide
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es)	ons to ensure proper disposal. official regulations. UN1641 Mercurv oxide
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT	ons to ensure proper disposal. ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class	ons to ensure proper disposal. official regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances.
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT, IMDG, IATA Transport hazard class(es) DOT Class Label Class	ons to ensure proper disposal. ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 (T5) Toxic substances
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label	ons to ensure proper disposal. official regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label Class Label	ons to ensure proper disposal. ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 (T5) Toxic substances
vPvB: Not applicable. Other adverse effects No further relevant information available. Other adverse effects No further relevant information available. I3 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o I4 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label Class Label Class Label IMDG, IATA	ons to ensure proper disposal. fficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 6.1 (T5) Toxic substances 6.1
vPvB: Not applicable. Other adverse effects No further relevant information avail 13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o 14 Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label Class Label	ons to ensure proper disposal. ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 (T5) Toxic substances
VPVB: Not applicable. Other adverse effects No further relevant information available. Other adverse effects No further relevant information available. I J Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o I Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label Class Label IMDG, IATA Class Label Class Label Class Label Class Label Class Label	ons to ensure proper disposal. ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 (T5) Toxic substances 6.1 6.1 Toxic substances.
VPVB: Not applicable. Other adverse effects No further relevant information available. Other adverse effects No further relevant information available. I J Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o I Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label IMDG, IATA Class Label IMDG, IATA Class Label Packing group DOT, IMDG, IATA Environmental hazards:	ons to ensure proper disposal. fficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 (T5) Toxic substances 6.1 1 Environmentally hazardous substance, solid
VPVB: Not applicable. Other adverse effects No further relevant information available. Other adverse effects No further relevant information available. I J Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o I Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label IMDG, IATA Class Label IMDG, IATA Class Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant (IMDG):	ons to ensure proper disposal. fficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 (T5) Toxic substances 6.1 1 Environmentally hazardous substance, solid Yes (PP)
VPVB: Not applicable. Other adverse effects No further relevant information availated adverse effects No further relevant information availated according to a state treatment methods Recommendation Consult state, local or national regulation uncleaned packagings: Recommendation: Disposal must be made according to a state treatment information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label Class Label Class Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant (IMDG): Special precautions for user EMS Number:	ons to ensure proper disposal. Ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 Toxic substances 6.1 1 6.1 Toxic substances. 6.1 1 I Environmentally hazardous substance, solid Yes (PP) Warning: Toxic substances F-A.S-A
VPVB: Not applicable. Other adverse effects No further relevant information availated <b>13 Disposal considerations</b> Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o <b>14 Transport information</b> UN-Number DOT, IMDG, IATA UN proper shipping name DOT MDG, IATA Transport hazard class(es) DOT Class Label Class Label IMDG, IATA Class Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant (IMDG): Special precautions for user	ons to ensure proper disposal. Ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 Toxic substances 6.1 1 6.1 Toxic substances. 6.1 1 I Environmentally hazardous substance, solid Yes (PP) Warning: Toxic substances F-A.S-A
VPVB: Not applicable. Other adverse effects No further relevant information available. Other adverse effects No further relevant information available. I Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o I Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label IMDG, IATA Class Label IMDG, IATA Class Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant (IMDG): Special precautions for user EMS Number: Segregation groups Transport in bulk according to Annex II of MARPOL73/	ons to ensure proper disposal. Ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 (T5) Toxic substances 6.1 6.1 Toxic substances. 6.1 II Environmentally hazardous substance, solid Yes (PP) Warning: Toxic substances F-A,S-A Heavy metals and their salts (including their organometallic compounds), mercury and mercury compounds
VPVB: Not applicable. Other adverse effects No further relevant information available. <b>3 Disposal considerations</b> Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to or <b>4 Transport information</b> UN-Number DOT, IMDG, IATA UN proper shipping name DOT MDG, IATA Transport hazard class(es) DOT Class Label Class Label Class Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant (IMDG): Special precautions for user EMS Number: Segregation groups Transport in bulk according to Annex II of MARPOL73/7 Transport/Additional information:	ons to ensure proper disposal. Ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 (T5) Toxic substances 6.1 6.1 Toxic substances. 6.1 II Environmentally hazardous substance, solid Yes (PP) Warning: Toxic substances F-A,S-A Heavy metals and their salts (including their organometallic compounds), mercury and mercury compounds
VPVB: Not applicable. Other adverse effects No further relevant information available. Other adverse effects No further relevant information available. I Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulation Uncleaned packagings: Recommendation: Disposal must be made according to o I Transport information UN-Number DOT, IMDG, IATA UN proper shipping name DOT IMDG, IATA Transport hazard class(es) DOT Class Label IMDG, IATA Class Label IMDG, IATA Class Label Packing group DOT, IMDG, IATA Environmental hazards: Marine pollutant (IMDG): Special precautions for user EMS Number: Segregation groups Transport in bulk according to Annex II of MARPOL73/	ons to ensure proper disposal. Ifficial regulations. UN1641 Mercury oxide MERCURY OXIDE 6.1 Toxic substances. 6.1 6.1 (T5) Toxic substances 6.1 1 6.1 Toxic substances. 6.1 II Environmentally hazardous substance, solid Yes (PP) Warning: Toxic substances F-A,S-A Heavy metals and their salts (including their organometallic compounds), mercury and mercury compounds

	(Contd. of page
Remarks:	Special marking with the symbol (fish and tree).
UN "Model Regulation":	UN1641, Mercury oxide, 6.1, II
5 Regulatory information	
Safety, health and environmental regulations/legisla GHS label elements The product is classified and label Hazard pictograms	<i>tion specific for the substance or mixture</i> led in accordance with 29 CFR 1910 (OSHA HCS)
GHS06 GHS08	
Route of exposure: Oral, Inhalative. <b>Precautionary statements</b>	proous system, the kidneys, the reproductive system and the brain through prolonged or repeated exposure
P260       Do not breathe dust/fume/gas/mist/vapours.         P301+P310 IF SWALLOWED: Immediately call a POIS0         P320       Specific treatment is urgent (see on this lab         P361       Take off immediately all contaminated cloth         P405       Store locked up.         P501       Dispose of contents/container in accordance	pel).
All components of this product are listed on the Canadia	vironmental Protection Agency Toxic Substances Control Act Chemical substance Inventory. an Domestic Substances List (DSL).
SARA Section 313 (specific toxic chemical listings)	
21908-53-2 Mercury(II) oxide, Puratronic® California Proposition 65	
Prop 65 - Chemicals known to cause cancer Substan	ice is not listed.
Prop 65 - Developmental toxicity	
21908-53-2 Mercury(II) oxide, Puratronic®	
Prop 65 - Developmental toxicity, female Substance is Prop 65 - Developmental toxicity, male Substance is Information about limitation of use: For use only by te Other regulations, limitations and prohibitive regular Substance of Very High Concern (SVHC) according	not listed. echnically qualified individuals. <b>tions</b>
The conditions of restrictions according to Article 6 market and use must be observed. Substance is not listed. Annex XIV of the REACH Regulations (requiring Aut Chemical safety assessment: A Chemical Safety Asse	to the REACH Regulations (EC) No. 1907/2006. Substance is not listed. 7 and Annex XVII of the Regulation (EC) No 1907/2006 (REACH) for the manufacturing, placing on t thorisation for use) Substance is not listed.
5 Other information Employers should use this information only as a suppler information to ensure proper use and protect the health	ment to other information gathered by them, and should make independent judgement of suitability of this and safety of employees. This information is furnished without warranty, and any use of the product not in combination with any other product or process, is the responsibility of the user.
IATA: International Air Transport Association	ar Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
PP: Severe Marine Pollutant EINECS: European Inventory of Existing Commercial Chemical Substance CAS: Chemical Abstracts Service (division of the American Chemical Soci HMIS: Hazardous Materials Identification System (USA)	is ety)
WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal concentration, 50 percent LD50: Lethal concentration, 50 percent VPVB: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygienists (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)	U Contraction of the second seco
EPA: Environmental Protection Agency (USA)	