

NPS CORP

MERCURY INDICATOR POWDER

SAFETY DATA SHEET

ACCORDING TO FEDERAL REGISTER / VOL. 77, NO. 58 / MONDAY, MARCH 26, 2012 /
RULES AND REGULATIONS

REVISION DATE: 01/30/2015

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VERSION: 1.0

SECTION 1: IDENTIFICATION



PRODUCT IDENTIFIER:

PRODUCT FORM: MIXTURE

PRODUCT NAME: MERCURY INDICATOR POWDER

PRODUCT CODE: 5230 SERIES

SYNONYMS: MERCSORB(R*) MERCURY INDICATOR POWDER

INTENDED USE OF THE PRODUCT:

USED TO CONVERT ELEMENTAL MERCURY INTO AN AMALGAM, WHICH STOPS DANGEROUS
MERCURY VAPORS FROM BEING EMITTED. FOR PROFESSIONAL USE ONLY.

NAME, ADDRESS, AND TELEPHONE OF THE RESPONSIBLE PARTY:

COMPANY:

NPS CORPORATION

3303 SPIRIT WAY

GREEN BAY, WI 54304

800-558-5066

NPSCORP.COM

EMERGENCY TELEPHONE NUMBER:

EMERGENCY NUMBER:

(800) 424-9300 (USA); +1 (703) 527-3887 (INTERNATIONAL AND MARITIME)
CHEMTREC

SECTION 2: HAZARDS IDENTIFICATION



CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

CLASSIFICATION (GHS-US):
ACUTE TOX. 4 (ORAL): H302
SKIN IRRIT. 2: H315
EYE DAM. 1: H318
SKIN SENS. 1: H317
STOT RE 1: H372
AQUATIC ACUTE 1: H400
AQUATIC CHRONIC 2: H411

FULL TEXT OF H-PHRASES: SEE SECTION 16

LABEL ELEMENTS:

GHS-US LABELING:

HAZARD PICTOGRAMS (GHS-US):
GHS05: CORROSION
GHS07: EXCLAMATION MARK
GHS08: HEALTH HAZARD
GHS09: ENVIRONMENT

SIGNAL WORD (GHS-US): DANGER

HAZARD STATEMENTS (GHS-US):

H302: HARMFUL IF SWALLOWED.

H315: CAUSES SKIN IRRITATION.

H317: MAY CAUSE AN ALLERGIC SKIN REACTION.

H318: CAUSES SERIOUS EYE DAMAGE.

H372:
CAUSES DAMAGE TO ORGANS (THYROID GLAND) THROUGH PROLONGED OR REPEATED
EXPOSURE (ORAL).

H400: VERY TOXIC TO AQUATIC LIFE.

H411: TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

PRECAUTIONARY STATEMENTS (GHS-US):

P260: DO NOT BREATHE DUST.

P264: WASH HANDS, FOREARMS, AND EXPOSED AREAS THOROUGHLY AFTER HANDLING.

P270: DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.

P272: CONTAMINATED WORK CLOTHING MUST NOT BE ALLOWED OUT OF THE WORKPLACE.

P273: AVOID RELEASE TO THE ENVIRONMENT.

P280: WEAR EYE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES.

P301+P312:

IF SWALLOWED: CALL A DOCTOR, A POISON CENTER IF YOU FEEL UNWELL.

P302+P352:
IF ON SKIN: WASH WITH PLENTY OF WATER.

P305+P351+P338:

IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF
PRESENT AND EASY TO DO. CONTINUE RINSING.

P310: IMMEDIATELY CALL A DOCTOR OR POISON CENTER.

P321: SPECIFIC TREATMENT (SEE SECTION 4).

P330: RINSE MOUTH.

P332+P313:
IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.

P333+P313:
IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.

P362: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.
P391: COLLECT SPILLAGE.

P501:
DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL, REGIONAL, NATIONAL,
AND INTERNATIONAL REGULATIONS.

OTHER HAZARDS:
EXPOSURE MAY AGGRAVATE THOSE WITH PRE-EXISTING EYE, SKIN, OR RESPIRATORY
CONDITIONS.

UNKNOWN ACUTE TOXICITY (GHS-US): NOT AVAILABLE

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS



NAME	PRODUCT IDENTIFIER	% (W/W)	CLASSIFICATION (GHS-US)
SULFUR	(CAS NO) 7704-34-9	40 - 70	COMB. DUST, H232 SKIN IRRIT. 2, H315 AQUATIC ACUTE 3, H402
COPPER IODIDE (CuI)	(CAS NO) 7681-65-4	10 - 30	ACUTE TOX. 4 (ORAL), H302 SKIN IRRIT. 2, H315 EYE DAM. 1, H318 SKIN SENS. 1A, H317 STOT RE 1, H372 AQUATIC ACUTE 1, H400 AQUATIC CHRONIC 2, H411

SILICA, AMORPHOUS, (CAS NO) 112926-00-8 7 - 13 NOT CLASSIFIED
PRECIPITATED AND GEL

FULL TEXT OF H-PHRASES: SEE SECTION 16

SECTION 4: FIRST AID MEASURES



DESCRIPTION OF FIRST AID MEASURES:

GENERAL:

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL IF POSSIBLE).

INHALATION:

REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. OBTAIN MEDICAL ATTENTION IF BREATHING DIFFICULTY PERSISTS.

SKIN CONTACT:

RINSE IMMEDIATELY WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSE. OBTAIN MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

EYE CONTACT:

RINSE CAUTIOUSLY WITH WATER FOR AT LEAST 60 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. OBTAIN MEDICAL ATTENTION.

INGESTION:

DO NOT INDUCE VOMITING. RINSE MOUTH. IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

MOST IMPORTANT SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED:

GENERAL:

HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE. MAY CAUSE AN ALLERGIC SKIN REACTION.

INHALATION: MAY CAUSE RESPIRATORY IRRITATION.

SKIN CONTACT: MAY CAUSE SKIN IRRITATION.

EYE CONTACT: MAY CAUSE EYE IRRITATION.

INGESTION: INGESTION IS LIKELY TO BE HARMFUL OR HAVE ADVERSE EFFECTS.

CHRONIC SYMPTOMS:

CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE).

SECTION 5: FIRE-FIGHTING MEASURES



EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING MEDIA:

USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

UNSUITABLE EXTINGUISHING MEDIA:

DO NOT USE A HEAVY WATER STREAM. USE OF HEAVY STREAM OF WATER MAY SPREAD FIRE.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

FIRE HAZARD: NOT CONSIDERED FLAMMABLE BUT MAY BURN AT HIGH TEMPERATURES.

EXPLOSION HAZARD: PRODUCT IS NOT EXPLOSIVE.

REACTIVITY: HAZARDOUS REACTIONS WILL NOT OCCUR UNDER NORMAL CONDITIONS.

ADVICE FOR FIREFIGHTERS:

PRECAUTIONARY MEASURES FIRE:

EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE.

FIREFIGHTING INSTRUCTIONS:

USE WATER SPRAY OR FOG FOR COOLING EXPOSED CONTAINERS.

PROTECTION DURING FIREFIGHTING:

DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING RESPIRATORY PROTECTION.

HAZARDOUS COMBUSTION PRODUCTS: SULFUR OXIDES. FUME.

REFERENCE TO OTHER SECTIONS:

REFER TO SECTION 9 FOR FLAMMABILITY PROPERTIES.

SECTION 6: ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

GENERAL MEASURES:

AVOID ALL CONTACT WITH SKIN, EYES, OR CLOTHING. AVOID BREATHING DUST.

FOR NON-EMERGENCY PERSONNEL:

PROTECTIVE EQUIPMENT: USE APPROPRIATE PERSONAL PROTECTION EQUIPMENT (PPE).

EMERGENCY PROCEDURES: EVACUATE UNNECESSARY PERSONNEL.

FOR EMERGENCY PERSONNEL:

PROTECTIVE EQUIPMENT: EQUIP CLEANUP CREW WITH PROPER PROTECTION.

EMERGENCY PROCEDURES:

STOP LEAK IF SAFE TO DO SO. ELIMINATE IGNITION SOURCES. VENTILATE AREA.

ENVIRONMENTAL PRECAUTIONS:

PREVENT ENTRY TO SEWERS AND PUBLIC WATERS. NOTIFY AUTHORITIES IF PRODUCT ENTERS SEWERS OR PUBLIC WATERS.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

FOR CONTAINMENT:

CONTAIN ANY SPILLS TO PREVENT MIGRATION AND ENTRY INTO SEWERS OR STREAMS.

METHODS FOR CLEANING UP:

CLEAR UP SPILLS IMMEDIATELY AND DISPOSE OF WASTE SAFELY. TRANSFER SPILLED MATERIAL TO A SUITABLE CONTAINER FOR DISPOSAL. CONTACT COMPETENT AUTHORITIES AFTER A SPILL.

REFERENCE TO OTHER SECTIONS:

SEE HEADING 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

SECTION 7: HANDLING AND STORAGE



PRECAUTIONS FOR SAFE HANDLING:

HYGIENE MEASURES:

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PROCEDURES. WASH HANDS AND OTHER EXPOSED AREAS WITH MILD SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING AND WHEN LEAVING WORK.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

TECHNICAL MEASURES: COMPLY WITH APPLICABLE REGULATIONS.

STORAGE CONDITIONS:

STORE IN A DRY, COOL AND WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP/STORE AWAY FROM DIRECT SUNLIGHT, EXTREMELY HIGH OR LOW TEMPERATURES AND INCOMPATIBLE MATERIALS.

INCOMPATIBLE MATERIALS: STRONG ACIDS. STRONG BASES. STRONG OXIDIZERS.

SPECIFIC END USE(S) :

USED TO CONVERT ELEMENTAL MERCURY INTO AN AMALGAM, WHICH STOPS DANGEROUS MERCURY VAPORS FROM BEING EMITTED. FOR PROFESSIONAL USE ONLY.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION



CONTROL PARAMETERS:

FOR SUBSTANCES LISTED IN SECTION 3 THAT ARE NOT LISTED HERE, THERE ARE NO ESTABLISHED EXPOSURE LIMITS FROM THE MANUFACTURER, SUPPLIER, IMPORTER, OR THE APPROPRIATE ADVISORY AGENCY INCLUDING: ACGIH (TLV), NIOSH (REL), OSHA (PEL), CANADIAN PROVINCIAL GOVERNMENTS, OR THE MEXICAN GOVERNMENT

SULFUR (7704-34-9):

ALBERTA:

OEL TWA (MG/M3): 10 MG/M3

SILICA, AMORPHOUS, PRECIPITATED AND GEL (112926-00-8):

MEXICO:

OEL TWA (MG/M3): 10 MG/M3

BRITISH COLUMBIA:

OEL TWA (MG/M3): 4 MG/M3 (TOTAL)

NEW BRUNSWICK:

OEL TWA (MG/M3): 10 MG/M3

ONTARIO:

OEL TWA (MG/M3): 10 MG/M3

QUEBEC:

VEMP (MG/M3):

6 MG/M3 (CONTAINING NO ASBESTOS AND <1% CRYSTALLINE SILICA-RESPIRABLE DUST)

SASKATCHEWAN:

OEL STEL (MG/M3): 20 MG/M3

SASKATCHEWAN:

OEL TWA (MG/M3): 10 MG/M3

EXPOSURE CONTROLS:

APPROPRIATE ENGINEERING CONTROLS:

ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. EMERGENCY EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. ENSURE ALL NATIONAL/LOCAL REGULATIONS ARE OBSERVED.

PERSONAL PROTECTIVE EQUIPMENT:

PROTECTIVE GOGGLES. GLOVES. PROTECTIVE CLOTHING.

MATERIALS FOR PROTECTIVE CLOTHING:

CHEMICALLY RESISTANT MATERIALS AND FABRICS.

HAND PROTECTION: WEAR CHEMICALLY RESISTANT PROTECTIVE GLOVES.

EYE PROTECTION: CHEMICAL GOGGLES OR SAFETY GLASSES.

SKIN AND BODY PROTECTION: WEAR SUITABLE PROTECTIVE CLOTHING.

RESPIRATORY PROTECTION:

USE A NIOSH-APPROVED RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS WHENEVER EXPOSURE MAY EXCEED ESTABLISHED OCCUPATIONAL EXPOSURE LIMITS.

ENVIRONMENTAL EXPOSURE CONTROLS:

DO NOT ALLOW THE PRODUCT TO BE RELEASED INTO THE ENVIRONMENT.

CONSUMER EXPOSURE CONTROLS: DO NOT EAT, DRINK OR SMOKE DURING USE

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: SOLID

APPEARANCE: TAN POWDER

ODOR: CHALKY

ODOR THRESHOLD: NOT AVAILABLE

PH: 6.5

EVAPORATION RATE: NOT AVAILABLE

MELTING POINT: DECOMPOSES >120 DEG. C (248 DEG. F)

FREEZING POINT: NOT AVAILABLE

BOILING POINT: NOT AVAILABLE

FLASH POINT: NOT AVAILABLE

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE

DECOMPOSITION TEMPERATURE: NOT AVAILABLE

FLAMMABILITY (SOLID, GAS): NOT AVAILABLE

LOWER FLAMMABLE LIMIT: NOT AVAILABLE

UPPER FLAMMABLE LIMIT: NOT AVAILABLE

VAPOR PRESSURE: NOT AVAILABLE

RELATIVE VAPOR DENSITY AT 20 DEG. C: NOT AVAILABLE

RELATIVE DENSITY: NOT AVAILABLE

SPECIFIC GRAVITY / DENSITY: 0.77 G/ML

SPECIFIC GRAVITY: NOT AVAILABLE

SOLUBILITY: NOT AVAILABLE

PARTITION COEFFICIENT N-OCTANOL/WATER: NOT AVAILABLE

VISCOSITY: NOT AVAILABLE

EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT:

NOT EXPECTED TO PRESENT AN EXPLOSION HAZARD DUE TO MECHANICAL IMPACT.

EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE:
NOT EXPECTED TO PRESENT AN EXPLOSION HAZARD DUE TO STATIC DISCHARGE.

SECTION 10: STABILITY AND REACTIVITY



REACTIVITY: HAZARDOUS REACTIONS WILL NOT OCCUR UNDER NORMAL CONDITIONS.

CHEMICAL STABILITY:
STABLE UNDER RECOMMENDED HANDLING AND STORAGE CONDITIONS (SEE SECTION 7).

POSSIBILITY OF HAZARDOUS REACTIONS:
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

CONDITIONS TO AVOID:
DIRECT SUNLIGHT. EXTREMELY HIGH OR LOW TEMPERATURES. IGNITION SOURCES.
INCOMPATIBLE MATERIALS.

INCOMPATIBLE MATERIALS: STRONG ACIDS. STRONG BASES. STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBSULFUR OXIDES.

SECTION 11: TOXICOLOGICAL INFORMATION



INFORMATION ON TOXICOLOGICAL EFFECTS - PRODUCT:

ACUTE TOXICITY:
ORAL: HARMFUL IF SWALLOWED.

LD50 AND LC50 DATA:

MERCURY INDICATOR POWDER:
ATE US (ORAL): 2,000.00 MG/KG BODY WEIGHT

SKIN CORROSION/IRRITATION: CAUSES SKIN IRRITATION.

SERIOUS EYE DAMAGE/IRRITATION: CAUSES SERIOUS EYE DAMAGE.

RESPIRATORY OR SKIN SENSITIZATION: MAY CAUSE AN ALLERGIC SKIN REACTION.

GERM CELL MUTAGENICITY: NOT CLASSIFIED

TERATOGENICITY: NOT AVAILABLE

CARCINOGENICITY: NOT CLASSIFIED

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE):
CAUSES DAMAGE TO ORGANS (THYROID GLAND) THROUGH PROLONGED OR REPEATED
EXPOSURE (ORAL).

REPRODUCTIVE TOXICITY: NOT CLASSIFIED

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): NOT CLASSIFIED

ASPIRATION HAZARD: NOT CLASSIFIED

SYMPTOMS/INJURIES AFTER INHALATION: MAY CAUSE RESPIRATORY IRRITATION.

SYMPTOMS/INJURIES AFTER SKIN CONTACT: MAY CAUSE SKIN IRRITATION.

SYMPTOMS/INJURIES AFTER EYE CONTACT: MAY CAUSE EYE IRRITATION.

SYMPTOMS/INJURIES AFTER INGESTION:
INGESTION IS LIKELY TO BE HARMFUL OR HAVE ADVERSE EFFECTS.

CHRONIC SYMPTOMS:
CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

INFORMATION ON TOXICOLOGICAL EFFECTS - INGREDIENT(S)

LD50 AND LC50 DATA:

SULFUR (7704-34-9):
LD50 ORAL RAT: >3000 MG/KG
LD50 DERMAL RABBIT: >2000 MG/KG
LC50 INHALATION RAT: >9.23 MG/L/4H

SILICA, AMORPHOUS, PRECIPITATED AND GEL (112926-00-8):
IARC GROUP: 3

SECTION 12: ECOLOGICAL INFORMATION



TOXICITY:

ECOLOGY - GENERAL:
VERY TOXIC TO AQUATIC LIFE. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

SULFUR (7704-34-9):

LC50 FISH 1:
866 MG/L (EXPOSURE TIME: 96 H - SPECIES: BRACHYDANIO RERIO [STATIC])

EC50 DAPHNIA 1: 736 MG/L

LC 50 FISH 2:
14 MG/L (EXPOSURE TIME: 96 H - SPECIES: LEPOMIS MACROCHIRUS [STATIC])

PERSISTENCE AND DEGRADABILITY: NOT AVAILABLE

BIOACCUMULATIVE POTENTIAL: NOT AVAILABLE

MOBILITY IN SOIL: NOT AVAILABLE

OTHER ADVERSE EFFECTS:

OTHER INFORMATION: AVOID RELEASE TO THE ENVIRONMENT.

SECTION 13: DISPOSAL CONSIDERATIONS



WASTE DISPOSAL RECOMMENDATIONS:

DISPOSE OF WASTE MATERIAL IN ACCORDANCE WITH ALL LOCAL, REGIONAL, NATIONAL, AND INTERNATIONAL REGULATIONS.

ECOLOGY - WASTE MATERIALS: AVOID RELEASE TO THE ENVIRONMENT.

SECTION 14: TRANSPORT INFORMATION



IN ACCORDANCE WITH DOT NOT REGULATED FOR TRANSPORT

IN ACCORDANCE WITH IMDG NOT REGULATED FOR TRANSPORT

IN ACCORDANCE WITH IATA NOT REGULATED FOR TRANSPORT

IN ACCORDANCE WITH TDG NOT REGULATED FOR TRANSPORT

SECTION 15: REGULATORY INFORMATION



US FEDERAL REGULATIONS:

MERCURY INDICATOR POWDER:

SARA SECTION 311/312 HAZARD CLASSES:

DELAYED (CHRONIC) HEALTH HAZARD

IMMEDIATE (ACUTE) HEALTH HAZARD

SULFUR (7704-34-9):

LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

COPPER IODIDE (CuI) (7681-65-4):

LISTED ON THE UNITED STATES TSCA (TOXIC SUBSTANCES CONTROL ACT) INVENTORY

US STATE REGULATIONS:

COPPER IODIDE (CuI) (7681-65-4):

U.S. - TEXAS - EFFECTS SCREENING LEVELS - LONG TERM

U.S. - TEXAS - EFFECTS SCREENING LEVELS - SHORT TERM

SULFUR (7704-34-9):

U.S. - MASSACHUSETTS - RIGHT TO KNOW LIST

U.S. - NEW JERSEY - RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST

U.S. - PENNSYLVANIA - RTK (RIGHT TO KNOW) LIST

SILICA, AMORPHOUS, PRECIPITATED AND GEL (112926-00-8):

U.S. - MASSACHUSETTS - RIGHT TO KNOW LIST

U.S. - NEW JERSEY - RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST
U.S. - PENNSYLVANIA - RTK (RIGHT TO KNOW) LIST

CANADIAN REGULATIONS:

MERCURY INDICATOR POWDER:

WHMIS CLASSIFICATION:

CLASS D DIVISION 1 SUBDIVISION B - TOXIC MATERIAL CAUSING IMMEDIATE AND
SERIOUS TOXIC EFFECTS

CLASS D DIVISION 2 SUBDIVISION A - VERY TOXIC MATERIAL CAUSING OTHER TOXIC
EFFECTS

CLASS D DIVISION 2 SUBDIVISION B - TOXIC MATERIAL CAUSING OTHER TOXIC
EFFECTS

SULFUR (7704-34-9): LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST)

WHMIS CLASSIFICATION:

CLASS B DIVISION 4 - FLAMMABLE SOLID

CLASS D DIVISION 2 SUBDIVISION B - TOXIC MATERIAL CAUSING OTHER TOXIC
EFFECTS

COPPER IODIDE (CuI) (7681-65-4):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST)

SILICA, AMORPHOUS, PRECIPITATED AND GEL (112926-00-8):
LISTED ON THE CANADIAN DSL (DOMESTIC SUBSTANCES LIST)

WHMIS CLASSIFICATION:

UNCONTROLLED PRODUCT ACCORDING TO WHMIS CLASSIFICATION CRITERIA

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF
THE CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE SDS CONTAINS ALL OF THE
INFORMATION REQUIRED BY CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION



OR LAST REVISION

REVISION DATE: 01/30/2015

OTHER INFORMATION:

THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SDS REQUIREMENTS OF
THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.

GHS FULL TEXT PHRASES:

ACUTE TOX. 4 (ORAL): ACUTE TOXICITY (ORAL) CATEGORY 4

AQUATIC ACUTE 1:
HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD CATEGORY 1

AQUATIC ACUTE 3:
HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD CATEGORY 3

AQUATIC CHRONIC 2:
HAZARDOUS TO THE AQUATIC ENVIRONMENT - CHRONIC HAZARD CATEGORY 2

COMB. DUST: COMBUSTIBLE DUST

EYE DAM. 1: SERIOUS EYE DAMAGE/EYE IRRITATION CATEGORY 1

SKIN IRRIT. 2: SKIN CORROSION/IRRITATION CATEGORY 2

SKIN SENS. 1: SKIN SENSITIZATION CATEGORY 1

SKIN SENS. 1A: SKIN SENSITIZATION CATEGORY 1A

STOT RE 1: SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) CATEGORY 1

H232: MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR

H302: HARMFUL IF SWALLOWED

H315: CAUSES SKIN IRRITATION

H317: MAY CAUSE AN ALLERGIC SKIN REACTION

H318: CAUSES SERIOUS EYE DAMAGE

H372: CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE

H400: VERY TOXIC TO AQUATIC LIFE

H402: HARMFUL TO AQUATIC LIFE

H411: TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

PARTY RESPONSIBLE FOR THE PREPARATION OF THIS DOCUMENT:
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THIS INFORMATION IS BASED ON OUR CURRENT KNOWLEDGE AND IS INTENDED TO
DESCRIBE THE PRODUCT FOR THE PURPOSES OF HEALTH, SAFETY AND ENVIRONMENTAL
REQUIREMENTS ONLY. IT SHOULD NOT THEREFORE BE CONSTRUED AS GUARANTEEING ANY
SPECIFIC PROPERTY OF THE PRODUCT.

NORTH AMERICA GHS US 2012 & WHMIS 2

EN (ENGLISH US)