# SAFETY DATA SHEET

Issuing Date 31-Aug-2012

Revision Date 28-Dec-2016

# Revision Number 0

NGHS / English



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# **1. IDENTIFICATION**

Product identifier	
Product Name	Zinc Air Hearing Aid Battery - Zero Mercury Formula
Other means of identification	
Product Code(s)	1103366
Recommended use of the chemica	l and restrictions on use
Recommended Use	Zinc Air
Restrictions on use	No information available
Details of the supplier of the safety	v data sheet
Supplier Identification	Spectrum Brands GBA
Address	3001 Deming Way Middleton Wisconsin 53562 United States
Telephone E-mail	alice.hubert@spectrumbrands.com
Emergency telephone number	
Company Emergency Phone Number	703-527-3887

# 2. HAZARDS IDENTIFICATION

# **Classification**

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Carcinogenicity	Category 1B
Specific target organ toxicity (repeated exposure)	Category 1



This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold. Intended use of the product should not result in exposure to the chemical substance This is a battery. In case of rupture: the above hazards exist.

#### Appearance Silver

Physical state Solid

Odor Odorless

# GHS Label elements, including precautionary statements

#### Danger

Hazard statements Harmful if swallowed Causes skin irritation Causes serious eye damage May cause an allergic skin reaction May cause cancer Causes damage to organs through prolonged or repeated exposure



# **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood Wear protective gloves/protective clothing/eye protection/face protection Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Contaminated work clothing must not be allowed out of the workplace Do not breathe dust/fume/gas/mist/vapors/spray

#### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

Specific treatment (see supplemental first aid instructions on this label)

# Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor

# Skin

IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash it before reuse

If skin irritation or rash occurs: Get medical advice/attention

# Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell Rinse mouth

# **Precautionary Statements - Storage**

Store locked up

# **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

# Other information

Very toxic to aquatic life with long lasting effects.

#### Unknown acute toxicity

100 % of the mixture consists of ingredient(s) of unknown toxicity

15 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas) 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

# Substance

Not applicable.

# <u>Mixture</u>

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Zinc	7440-66-6	42	-	-
Iron	7439-89-6	40	-	-
Nickel	7440-02-0	7	-	-
Copper	7440-50-8	5	-	-
Potassium hydroxide	1310-58-3	3	-	-
Carbon black	1333-86-4	3	-	-

# **4. FIRST AID MEASURES**

First aid measures		
General advice	First aid is upon rupture of sealed battery. Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. IF exposed or concerned: Get medical advice/attention.	
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.	
Eye contact	Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.	
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.	
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.	
Self-protection of the first aider	Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).	
Most important symptoms and effe	cts, both acute and delayed	
Symptoms	Burning sensation. Itching. Rashes. Hives.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.	

5. FIRE-FIGHTING MEASURES		
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.	
Specific hazards arising from the chemical	Product is or contains a sensitizer. May cause sensitization by skin contact.	
Hazardous Combustion Products	Carbon oxides.	
Explosion Data Sensitivity to Mechanical Impac Sensitivity to Static Discharge	ct None. None.	
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.	

# 6. ACCIDENTAL RELEASE MEASURES

# Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Other Information	Refer to protective measures listed in Sections 7 and 8.
Methods and material for containment and cleaning up	
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

# 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

In case of rupture: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse.

# Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

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# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Control parameters

# **Exposure Limits**

Chemical name		ACGIH T	ĽV	0	SHA PEL		NIOSH IDLH
Zinc		STEL: 10 mg/m <sup>3</sup> respirable TWA: 5 mg/m <sup>3</sup> fume			IDLH: 500 mg/m <sup>3</sup>		
7440-66-6		fraction	-		mg/m <sup>3</sup> total dust		eiling: 15 mg/m <sup>3</sup> dust
		TWA: 2 mg/m <sup>3</sup>	respirable	TWA: 5 m	ng/m <sup>3</sup> respirable	TWA:	5 mg/m <sup>3</sup> dust and fume
		fraction	า	1	fraction	S	TEL: 10 mg/m <sup>3</sup> fume
Nickel		TWA: 1.5 m	ng/m³	TWA: 1 mg/m <sup>3</sup>			IDLH: 10 mg/m <sup>3</sup>
7440-02-0				(vacated)	) TWA: 1 mg/m³		TWA: 0.015 mg/m <sup>3</sup>
Copper		TWA: 0.2 mg/m <sup>3</sup> f	ume TWA: 1	TWA: 0.	1 mg/m <sup>3</sup> fume	IDLH	I: 100 mg/m <sup>3</sup> dust, fume
7440-50-8		mg/m <sup>3</sup> Cu dust	and mist	TWA: 1 mg	/m <sup>3</sup> dust and mist	and r	mist IDLH: 100 mg/m <sup>3</sup> Cu
				(vacated) T	WA: 0.1 mg/m <sup>3</sup> Cu		dust and mist
				dust	, fume, mist	TWA	: 1 mg/m <sup>3</sup> dust and mist
							0.1 mg/m <sup>3</sup> fume TWA: 1
						mg	g/m <sup>3</sup> Cu dust and mist
Potassium hydroxide 1310-58-3	9	Ceiling: 2 mg/m <sup>3</sup>		(vacated)	Ceiling: 2 mg/m <sup>3</sup>		Ceiling: 2 mg/m <sup>3</sup>
Carbon black		TWA: 3 mg/m <sup>3</sup> inhalable		TWA	.: 3.5 mg/m <sup>3</sup>		IDLH: 1750 mg/m <sup>3</sup>
1333-86-4		particulate r			TWA: 3.5 mg/m <sup>3</sup>		TWA: 3.5 mg/m <sup>3</sup>
				· · · ·	Ũ	TWA	: 0.1 mg/m <sup>3</sup> Carbon black
							presence of Polycyclic
							natic hydrocarbons PAH
Chemical name		Alberta	British C	Columbia	Ontario TWAE	V	Quebec
Nickel	Т	WA: 1.5 mg/m <sup>3</sup>	TWA: 0.0	05 mg/m <sup>3</sup>	TWA: 1 mg/m	3	TWA: 1 mg/m <sup>3</sup>
7440-02-0		-		-	-		_
Copper	Т	WA: 0.2 mg/m <sup>3</sup>	TWA: 1	mg/m <sup>3</sup>	TWA: 0.2 mg/r	n³	TWA: 0.2 mg/m <sup>3</sup>
7440-50-8	-	TWA: 1 mg/m <sup>3</sup>	TWA: 0.2 mg/m <sup>3</sup>		TWA: 1 mg/m	3	TWA: 1 mg/m <sup>3</sup>
Potassium hydroxide	С	eiling: 2 mg/m <sup>3</sup>	Ceiling:	2 mg/m <sup>3</sup> CEV: 2 mg/m		3	Ceiling: 2 mg/m <sup>3</sup>
1310-58-3				-			
Carbon black	Т	TWA: 3.5 mg/m <sup>3</sup> TWA		3 mg/m³	TWA: 3 mg/m	3	TWA: 3.5 mg/m <sup>3</sup>
1333-86-4		-		-			-

Other Exposure Guidelines

See section 15 for national exposure control parameters.

# Appropriate engineering controls

Engineering controls	Showers	
	Eyewash stations	
	Ventilation systems.	

# Individual protection measures, such as personal protective equipment

Eye/face protection	Tight sealing safety goggles.
Hand protection	Wear suitable gloves. Impervious gloves.
Skin and body protection	Wear suitable protective clothing. Long sleeved clothing.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling



the product.

9.	PHYSICAL AND CHEMIC	CAL PROPERTIES
Physical and Chemical Properties	Calid	
Physical state	Solid	
Appearance	Silver	
Odor	Odorless	
Color Odar Three hald	No information available	
Odor Threshold	No information available	
Property	Values	<b>Remarks Method</b>
рН	No data available	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water Solubility	Partially soluble	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wate	erNo data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	

# **10. STABILITY AND REACTIVITY**

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.



Hazardous Decomposition Products Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information In case of rupture:
Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Severely irritating to eyes. May cause burns. May cause irreversible damage to eyes.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. Causes skin irritation. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Harmful if swallowed. (based on components).

#### Information on toxicological effects

Symptoms

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

#### Numerical measures of toxicity

#### Acute Toxicity

#### The following values are calculated based on chapter 3.1 of the GHS document . ATEmix (oral) 557.00 mg/kg

**Unknown acute toxicity** 100 % of the mixture consists of ingredient(s) of unknown toxicity

15 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Zinc	= 630 mg/kg (Rat)	-	-
Iron	= 30 g/kg (Rat)	-	-
Nickel	> 9000 mg/kg (Rat)	-	-
Potassium hydroxide	= 284 mg/kg (Rat)	-	-
Carbon black	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-

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

Skin corrosion/irritation	Classification based on data available for ingredients. Irritating to skin.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes burns. Risk of serious



	damage to eyes.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	Classification based on data available for ingredients. Contains a known or suspected carcinogen.

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

Chemical name	ACGIH	IARC	NTP	OSHA
Nickel	-	Group 2B	Reasonably Anticipated	Х
7440-02-0		-		
Carbon black	A3	Group 2B	-	Х
1333-86-4				

Legend

<ul> <li>ACGIH (American Conference of Governmental Industrial Hygienists)</li> <li>A3 - Animal Carcinogen</li> <li>IARC (International Agency for Research on Cancer)</li> <li>Group 2B - Possibly Carcinogenic to Humans</li> <li>NTP (National Toxicology Program)</li> <li>Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen</li> <li>OSHA (Occupational Safety and Health Administration of the US Department of Labor)</li> <li>X - Present</li> </ul>		
Reproductive toxicity	No information available.	
STOT - single exposure	No information available.	
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure.	
Aspiration hazard	No information available.	

# **12. ECOLOGICAL INFORMATION**

# Marine Pollutant

This product contains a chemical which is listed as a severe marine pollutant according to DOT

# Ecotoxicity

Very toxic to aquatic life with long lasting effects.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Zinc	96h EC50: 0.11 - 0.271 mg/L (Pseudokirchneriella subcapitata) 72h EC50: 0.09 - 0.125 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 3.5 mg/L (Lepomis macrochirus) 96h LC50: = 7.8 mg/L (Cyprinus carpio) 96h LC50: = 0.24 mg/L (Oncorhynchus mykiss) 96h LC50: = 0.59 mg/L (Oncorhynchus mykiss) 96h LC50: = 0.41 mg/L (Oncorhynchus mykiss) 96h LC50: 0.211 - 0.269 mg/L (Pimephales promelas) 96h LC50: =	-	48h EC50: 0.139 - 0.908 mg/L

		2.66 mg/L (Pimephales		
		promelas) 96h LC50: =		
		30 mg/L (Cyprinus		
		carpio) 96h LC50: = 0.45		
		mg/L (Cyprinus carpio)		
		96h LC50: 2.16 - 3.05		
		mg/L (Pimephales		
		promelas)		
Iron	-	96h LC50: = 13.6 mg/L	-	-
		(Morone saxatilis)		
Nickel	72h EC50: = 0.18 mg/L	96h LC50: > 100 mg/L	_	48h EC50: > 100 mg/L
	(Pseudokirchneriella	(Brachydanio rerio) 96h		48h EC50: = 1 mg/L
	subcapitata) 96h EC50:	LC50: = 1.3  mg/L		1011 2000. – 1 mg/2
	0.174 - 0.311 mg/L	(Cyprinus carpio) 96h		
	(Pseudokirchneriella	LC50: = 10.4 mg/L		
	subcapitata)	(Cyprinus carpio)		
Copper	96h EC50: 0.031 - 0.054			48h EC50: = 0.03 mg/L
Соррег		0.0156 mg/L (Pimephales	_	4011 E 050. = 0.03 mg/E
	(Pseudokirchneriella	promelas) 96h LC50: =		
	subcapitata) 72h EC50:	1.25 mg/L (Lepomis		
	0.0426 - 0.0535 mg/L	macrochirus) 96h LC50:		
	(Pseudokirchneriella	= 0.052  mg/L		
	subcapitata)	(Oncorhynchus mykiss)		
	Subcapitata)	96h LC50: = 0.2 mg/L		
		(Pimephales promelas)		
		96h LC50: < 0.3 mg/L		
		(Pimephales promelas)		
		96h LC50: = 0.112 mg/L		
		(Poecilia reticulata) 96h		
		LC50: = 0.3 mg/L		
		(Cyprinus carpio) 96h		
		LC50: = 0.8 mg/L		
		(Cyprinus carpio)		
Dotopojum bydrovido	1	96h LC50: = 80 mg/L		
Potassium hydroxide	-	(Gambusia affinis)	-	-
Carbon black				24h ECE0: > ECO0 ~~~/
	-	-	-	24h EC50: > 5600 mg/L

Persistence and Degradability No information available.

# **Bioaccumulation**

Chemical name		Log Pow
Potassium hydroxide		0.83
Mobility	No information available.	
Other adverse effects	No information available.	
13. DISPOSAL CONSIDERATIONS		

# Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

US EPA Waste Number	D008
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#### California Waste Codes 141

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

Chemical name	California Hazardous Waste
Zinc 7440-66-6	Ignitable powder Toxic
Nickel 7440-02-0	Toxic powder Ignitable powder
Copper 7440-50-8	Toxic
Potassium hydroxide 1310-58-3	Toxic Corrosive

# **14. TRANSPORT INFORMATION**

<u>DOT</u> Proper Shipping Name Hazard Class Marine Pollutant	NOT REGULATED NON-REGULATED N/A This product contains a chemical which is listed as a severe marine pollutant according to DOT
TDG Marine Pollutant	Not regulated This product contains a chemical which is listed as a severe marine pollutant according to TDG.
MEX	Not regulated
ICAO	Not regulated
IATA_ Proper Shipping Name Hazard Class	Not regulated NON REGULATED N/A
IMDG/IMO Hazard Class Marine Pollutant	Not regulated N/A Product is a marine pollutant according to the criteria set by IMDG/IMO
RID	Not regulated
ADR	Not regulated
ADN_	Not regulated

# **15. REGULATORY INFORMATION**

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

**International Regulations** 

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable



Export Notification requirements Not applicable

TSCA Contact supplier for inventory compliance status.
DSL/NDSL Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b> Contact supplier for inventory compliance status.
<b>ENCS</b> Contact supplier for inventory compliance status.
<b>KECL</b> Contact supplier for inventory compliance status.
PICCS Contact supplier for inventory compliance status.
AICS Contact supplier for inventory compliance status.

Legend

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

DSL/NDSL - 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

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

# **US Federal Regulations**

# SARA 313

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

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Zinc - 7440-66-6	7440-66-6	42	1.0
Nickel - 7440-02-0	7440-02-0	7	0.1
Copper - 7440-50-8	7440-50-8	5	1.0

# SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

# CWA (Clean Water Act)

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

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Zinc 7440-66-6		Х	Х	
Nickel 7440-02-0		Х	Х	
Copper 7440-50-8		Х	Х	
Potassium hydroxide 1310-58-3	1000 lb			Х

# <u>CERCLA</u>

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

Chemical name         Hazardous Substances RQs         Extremely Hazardous         RQ
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# 1103366 - Zinc Air Hearing Aid Battery - Zero Mercury Formula

		Substances RQs	
Zinc	1000 lb		RQ 454 kg final RQ
7440-66-6			RQ 1000 lb final RQ
Nickel	100 lb		RQ 100 lb final RQ
7440-02-0			RQ 45.4 kg final RQ
Copper	5000 lb		RQ 5000 lb final RQ
7440-50-8			RQ 2270 kg final RQ
Potassium hydroxide	1000 lb		RQ 1000 lb final RQ
1310-58-3			RQ 454 kg final RQ

# **US State Regulations**

<u>California Proposition 65</u> This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Nickel - 7440-02-0	Carcinogen
Carbon black - 1333-86-4	Carcinogen
Lead - 7439-92-1	Carcinogen
	Developmental
	Female Reproductive
	Male Reproductive

# U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusett	Pennsylvania	Rhode Island	Illinois
		S			
Zinc	Х	Х	Х	Х	
7440-66-6					
Nickel	Х	Х	Х	Х	Х
7440-02-0					
Copper	Х	Х	Х	Х	Х
7440-50-8					
Potassium hydroxide	Х	Х	Х	Х	
1310-58-3					
Carbon black	Х	Х	Х		Х
1333-86-4					

# **16. OTHER INFORMATION**

NFPA	Health hazards 1	Flammability 0	Instability 0	Physical and Chemical Properties -		
HMIS_	Health hazards 0	Flammability 0	Physical hazards 0	Personal Protection X		
Prepared By						
Issuing Date	31-Aug-2012					
Revision Date	28-Dec-20	28-Dec-2016				
<b>Revision Note</b>	No inform	ation available				



# 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

