

SAFETY DATA SHEET

1. Product and Company Identification					
Product identifier	roduct identifier Platinum+ and V12, Rechargeable Candles				
Other means of identification	Not available				
Recommended use	Sealed battery				
Recommended restrictions	None known.				
Manufacturer information	Hollowick, Inc. 100 Fairgrounds Dr. P.O. Box 305 Manlius, NY 13104 US Phone: 315-682-2163 Phone: 800-367-3015 (Toll free) Fax: 315-682-6948 Emergency Phone: 1-800-424-9300 (CHEMTREC) Emergency Phone: 1-703-527-3887 (CHEMTREC)				
o "	(Outside US)				
Supplier	See above.				
	2. Hazards Identification				
Physical hazards	Not classified.				
Health hazards	Not classified.				
Environmental hazards	Not classified.				
WHMIS 2015 defined hazards	Not classified				
Label elements					
Hazard symbol	None.				
Signal word	None.				
Hazard statement	The mixture does not meet the criteria for classification.				
Precautionary statement					
Prevention	Observe good industrial hygiene practices.				
Response	Wash hands after handling.				
Storage	Store away from incompatible materials.				
Disposal	Dispose of waste and residues in accordance with local authority requirements.				
WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)	None known				
WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)	None known				
Hazard(s) not otherwise classified (HNOC)	None known.				
Supplemental information	This product is a manufactured article and is exempt.				
	US: As per OSHA, 1910.1200(b)(6)(v), articles are not regulated under HCS 2012. As per OSHA Definitions: 1910.1200 (c). Article means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees.				
	CANADA: As per the Hazardous Products Act: A manufactured article means any article that is formed to a specific shape or design during manufacture, the intended use of which when in that form is dependent in whole or in part on its shape or design, and that, when being installed, if the intended use of the article requires it to be installed, and under normal conditions of use, will not release or otherwise cause an individual to be exposed to a bazardous product.				

release or otherwise cause an individual to be exposed to a hazardous product.

3. Composition/Information on Ingredients

Mixture			
Chemical name	Common name and synonyms	CAS number	%
Nickel alloy			35
Nickel hydroxide		12054-48-7	30
Steel			25
Potassium hydroxide		1310-58-3	2
Composition comments	*This composition applies to the cell of the ba	attery and the electrolyte of the	e unused battery.
	4. First Aid Measures		
Inhalation	If symptoms develop move victim to fresh air.	. If symptoms persist, obtain r	nedical attention.
Skin contact	Immediately flush with water. Wash with soa persists.	p and water. Obtain medical	attention if irritation
Eye contact	Immediately flush with cool water. Remove of 15 minutes. Obtain medical attention immediated		nd continue flushing for
Ingestion	Do not induce vomiting. If vomiting occurs na aspiration. Never give anything by mouth if vi attention.		
Most important symptoms/effects, acute and delayed	Direct contact with the electrolyte may cause	chemical burns.	
Indication of immediate medical attention and special treatment needed	Symptoms may be delayed.		
General information	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Wear rubber gloves and chemical splash goggles. Keep out of reach of children.		
	5. Fire Fighting Measur	es	
Suitable extinguishing media	If batteries are on charge, turn power off. Dry chemical. Dry sand.		
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire. Carbon dioxide.		
Specific hazards arising from the chemical	Battery may burst and release hazardous decomposition products when exposed to a fire situation. Some may burn but not ignite readily. Containers may explode when heated. Some may be transported hot.		
Special protective equipment and precautions for firefighters	Firefighters should wear full protective clothin	g including self-contained bre	eathing apparatus.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.		
Specific methods	Use standard firefighting procedures and con	sider the hazards of other inv	olved materials.
General fire hazards	No unusual fire or explosion hazards noted.		
Hazardous combustion products	May include and are not limited to: Oxides of	nickel. Oxides of iron. Oxides	of potassium.
	6. Accidental Release Mea	sures	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep our spill/leak. Do not touch damaged containers or protective clothing. For personal protection, s	or spilled material unless wea	
Methods and materials for containment and cleaning up	In the case of a leaking battery: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.		
Environmental precautions	Do not discharge into lakes, streams, ponds o	or public waters.	
	7. Handling and Storag	je	
Precautions for safe handling	Avoid short-circuiting the battery. Avoid mechanical damage to the battery. Do cause burns if disassembled, crushed or expe Do not install with incorrect polarity	not open or disassemble. Bat osed to fire or high temperatu	
	Use good industrial hygiene practices in hand	aling this material.	
#30786	Page: 2 of 9		Issue date 30-May-2019

Keep out of the reach of children. Keep this material away from food, drink and animal feed. Keep away from heat, sparks, and flame. Store in a cool dry place below 30°C (86°F) Do not store below -20°C.

8. Exposure Controls/Personal Protection

Canada. Alberta OELs (Occupational H Components	ealth & Safety Code, Scho Type	Value 1, Table 2)	
Nickel hydroxide (CAS 12054-48-7)	TWA	0.2 mg/m3	
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	
Canada. British Columbia OELs. (Occu	pational Exposure Limits	for Chemical Substances, O	ccupational Health and
Safety Regulation 296/97, as amended)			
Components	Туре	Value	
Nickel hydroxide (CAS 12054-48-7)	TWA	0.05 mg/m3	
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	
Canada. Manitoba OELs (Reg. 217/2006	6, The Workplace Safety A	and Health Act)	
Components	Туре	Value	Form
Nickel hydroxide (CAS 12054-48-7)	TWA	0.2 mg/m3	Inhalable fraction.
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	
Canada. Ontario OELs. (Control of Exp	osure to Biological or Ch	emical Agents)	
Components	Туре	Value	Form
Nickel hydroxide (CAS 12054-48-7)	TWA	0.2 mg/m3	Inhalable fraction.
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	
Canada. Quebec OELs. (Ministry of Lat	or Population Popporti	a the Quality of the Work En	vironmont)
Components	Type	Value	vironnent)
Nickel hydroxide (CAS	TWA	1 mg/m3	
12054-48-7)	1.007	i nig/nio	
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	
Canada. Saskatchewan OELs (Occupa	tional Health and Safetv R	egulations, 1996, Table 21)	
Components	Туре	Value	
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	
US. OSHA Table Z-1 Limits for Air Cont	aminants (29 CFR 1910 1	000)	
Components	Туре	Value	
Nickel hydroxide (CAS 12054-48-7)	PEL	1 mg/m3	
US. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
Nickel hydroxide (CAS 12054-48-7)	TWA	0.2 mg/m3	Inhalable fraction.
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	
US. NIOSH: Pocket Guide to Chemical		Value	
Components	Туре		
Nickel hydroxide (CAS 12054-48-7)	TWA	0.015 mg/m3	
Potassium hydroxide (CAS	Ceiling	2 mg/m3	

Biological limit values

Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.		
Individual protection measure	s, such as personal protective equipment		
Eye/face protection	Safety glasses if eye contact is possible.		
Skin protection			
Hand protection	Rubber gloves. Confirm with a reputable supplier first.		
Other	Wear appropriate chemical resistant clothing. As required by employer code.		
Respiratory protection	Not normally required if good ventilation is maintained.		
Thermal hazards	Not applicable.		
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.		
	9. Physical and Chemical Properties		

Appearance	Prismatic
Physical state	Solid.
Form	The battery cell is contained in a case, designed to withstand temperatures and pressure during normal use.
Color	Green
Ddor	Odorless
Ddor threshold	Not available.
н	Not available.
lelting point/freezing point	Not available.
nitial boiling point and boiling ange	Not available.
Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
lash point	Not available.
Evaporation rate	Not available.
lammability (solid, gas)	Not applicable.
Ipper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
/apor pressure	Not available.
/apor density	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
/iscosity	Not available.
Other information	Voltage 2.4V Electric capacity 300mAh

10. Stability and Reactivity

Incompatible materials	Strong acids. Strong oxidizing agents. Conductive materials. Seawater.
Conditions to avoid	Heat, open flames, static discharge, sparks and other ignition sources. Exposure to water or water vapor. Avoid direct sunlight. High temperatures.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Reactivity	Reaction with water or moist air will release toxic, corrosive or flammable gases.

	11. Toxicological Ir	nformation	
Routes of exposure	Inhalation. Ingestion. Skin contact. E	ye contact.	
Information on likely routes of	exposure		
Ingestion	Harmful if swallowed. May cause chemical burns to mouth, throat and stomach.		
Inhalation	No adverse effects due to inhalation are expected. Inhalation of the electrolyte may be corrosive to the upper airways, cause a burning sensation in the nose, mouth and throat as well as leading to sneezing, coughing, breathing difficulties and chest pain.		
Skin contact	Direct contact with the electrolyte may cause chemical burns.		
Eye contact	Direct contact with the electrolyte ma	y cause chemical burns. May cause blindness.	
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with the electrolyte ma	y cause chemical burns.	
Information on toxicological ef	fects		
Acute toxicity			
Components	Species	Test Results	
Nickel hydroxide (CAS 12054-48	3-7)		
Acute			
Inhalation			
LC50	Rat	> 5.1 mg/L, 4 Hours	
Oral			
LD50	Rat	200 - 2000 mg/kg	
		> 200 mg/kg	
Potassium hydroxide (CAS 1310	-58-3)		
Acute			
Dermal	Not available		
LD50	Not available		
Inhalation LC50	Not available		
Oral			
LD50	Rat	388 mg/kg, ECHA	
		365 mg/kg, ECHA	
		333 mg/kg, ECHA	
		273 mg/kg	
01		0.0	
Skin corrosion/irritation	Prolonged skin contact may cause te Not available.	חוףטימיץ וווונמוטוו.	
Exposure minutes			
Erythema value	Not available.		
Oedema value	Not available.	v cause chemical burge	
Serious eye damage/eye irritation	Direct contact with the electrolyte ma	y cause chemical burns.	
Corneal opacity value	Not available.		
Iris lesion value	Not available. Not available.		
Conjunctival reddening value			
Conjunctival oedema valu			
Recover days	Not available.	te have abrania haallh affacta	
Respiratory or skin sensitization	The finished product is not expected	IU NAVE CHIONIC NEAITH ETTECTS.	
Canada - Alberta OEL			
-	de (CAS 1310-58-3) Irritar		
Respiratory sensitization	The finished product is not expected		
Skin sensitization	This product is not expected to cause		
Mutagenicity	The finished product is not expected	to nave chronic health effects.	

Carcinogenicity	The finished product is not ex	spected to have chronic health effects. See below.	
ACGIH Carcinogens			
Nickel hydroxide (CAS 1		A1 Confirmed human carcinogen.	
Canada - Alberta OELs: Can		Confirmed human parainagan	
Nickel hydroxide (CAS 1 Canada - Manitoba OELs: c		Confirmed human carcinogen.	
	ORGANIC COMPOUNDS	Confirmed human carcinogen.	
	Evaluation of Carcinogenicity		
Nickel hydroxide (CAS 12054-48-7) Steel (CAS)		Volume 49, Volume 100C 1 Carcinogenic to humans. Volume 49 - 2B Possibly carcinogenic to humans.	
	65 - CRT: Listed date/Carcino		
Nickel hydroxide (CAS 1			
US NTP Report on Carcinog	-		
Nickel hydroxide (CAS 1 US. OSHA Specifically Reg Not listed.	ulated Substances (29 CFR 19	Known To Be Human Carcinogen. 10.1001-1050)	
Reproductive toxicity	The finished product is not ex	spected to have chronic health effects.	
Teratogenicity	-	kpected to have chronic health effects.	
Specific target organ toxicity - single exposure	Not classified.		
Specific target organ toxicity - repeated exposure	Not classified.		
Aspiration hazard	Not available.		
Chronic effects	The finished product is not ex	spected to have chronic health effects.	
	12. Ecologi	cal Information	
Ecotoxicity	See below		
Ecotoxicological data			
Components	Species	Test Results	
-	•	Test Results	
Components Potassium hydroxide (CAS 1310- Aquatic	58-3)		
Components Potassium hydroxide (CAS 1310- Aquatic Fish	58-3) LC50 Western mos	quitofish (Gambusia affinis) 80 mg/L, 96 hours	
Components Potassium hydroxide (CAS 1310- Aquatic Fish Persistence and degradability	58-3) LC50 Western mos No data is available on the d	quitofish (Gambusia affinis) 80 mg/L, 96 hours	
Components Potassium hydroxide (CAS 1310- Aquatic Fish Persistence and degradability Bioaccumulative potential	58-3) LC50 Western mos No data is available on the de No data available.	quitofish (Gambusia affinis) 80 mg/L, 96 hours	
Components Potassium hydroxide (CAS 1310- Aquatic Fish Persistence and degradability Bioaccumulative potential Mobility in soil	58-3) LC50 Western mos No data is available on the de No data available. No data available.	quitofish (Gambusia affinis) 80 mg/L, 96 hours	
Components Potassium hydroxide (CAS 1310- Aquatic Fish Persistence and degradability Bioaccumulative potential	58-3) LC50 Western mos No data is available on the de No data available. No data available. Not available. Not available. No other adverse environme	quitofish (Gambusia affinis) 80 mg/L, 96 hours	
Components Potassium hydroxide (CAS 1310- Aquatic Fish Persistence and degradability Bioaccumulative potential Mobility in soil Mobility in general	58-3) LC50 Western mos No data is available on the de No data available. No data available. Not available. Not available. No other adverse environmen potential, endocrine disruptio	quitofish (Gambusia affinis) 80 mg/L, 96 hours egradability of this product. ntal effects (e.g. ozone depletion, photochemical ozone creation	
Components Potassium hydroxide (CAS 1310- Aquatic Fish Persistence and degradability Bioaccumulative potential Mobility in soil Mobility in general	58-3) LC50 Western mos No data is available on the de No data available. No data available. Not available. Not available. No other adverse environmen potential, endocrine disruptio 13. Disposal	quitofish (Gambusia affinis) 80 mg/L, 96 hours egradability of this product. ntal effects (e.g. ozone depletion, photochemical ozone creation n, global warming potential) are expected from this component. Considerations e in sealed containers at licensed waste disposal site. Dispose in	
Components Potassium hydroxide (CAS 1310- Aquatic Fish Persistence and degradability Bioaccumulative potential Mobility in soil Mobility in general Other adverse effects	58-3) LC50 Western mos No data is available on the de No data available. No data available. Not available. No other adverse environmen potential, endocrine disruptio 13. Disposal Collect and reclaim or dispos	quitofish (Gambusia affinis) 80 mg/L, 96 hours egradability of this product. ntal effects (e.g. ozone depletion, photochemical ozone creation n, global warming potential) are expected from this component. Considerations e in sealed containers at licensed waste disposal site. Dispose in e regulations.	
Components Potassium hydroxide (CAS 1310-3 Aquatic Fish Persistence and degradability Bioaccumulative potential Mobility in soil Mobility in general Other adverse effects Disposal instructions	58-3) LC50 Western mos No data is available on the de No data available. No data available. Not available. No other adverse environment potential, endocrine disruptio 13. Disposal Collect and reclaim or dispose accordance with all applicable Dispose in accordance with at The waste code should be as disposal company.	 quitofish (Gambusia affinis) 80 mg/L, 96 hours egradability of this product. ntal effects (e.g. ozone depletion, photochemical ozone creation n, global warming potential) are expected from this component. Considerations e in sealed containers at licensed waste disposal site. Dispose in e regulations. all applicable regulations. ssigned in discussion between the user, the producer and the waste 	
Components Potassium hydroxide (CAS 1310- Aquatic Fish Persistence and degradability Bioaccumulative potential Mobility in soil Mobility in general Other adverse effects Disposal instructions Local disposal regulations	58-3) LC50 Western mos No data is available on the de No data available. No data available. Not available. No other adverse environment potential, endocrine disruption 13. Disposal Collect and reclaim or dispose accordance with all applicable Dispose in accordance with and The waste code should be as disposal company. Dispose of in accordance with	quitofish (Gambusia affinis) 80 mg/L, 96 hours egradability of this product. ntal effects (e.g. ozone depletion, photochemical ozone creation n, global warming potential) are expected from this component. Considerations e in sealed containers at licensed waste disposal site. Dispose in e regulations. all applicable regulations.	
Components Potassium hydroxide (CAS 1310- Aquatic Fish Persistence and degradability Bioaccumulative potential Mobility in soil Mobility in general Other adverse effects Disposal instructions Local disposal regulations Hazardous waste code Waste from residues / unused	58-3) LC50 Western mos No data is available on the de No data available. No data available. Not available. No other adverse environment potential, endocrine disruptio 13. Disposal Collect and reclaim or disposs accordance with all applicabl Dispose in accordance with a The waste code should be as disposal company. Dispose of in accordance with product residues. This mater Disposal instructions). Empty containers should be as	 quitofish (Gambusia affinis) 80 mg/L, 96 hours egradability of this product. ntal effects (e.g. ozone depletion, photochemical ozone creation n, global warming potential) are expected from this component. Considerations e in sealed containers at licensed waste disposal site. Dispose in e regulations. all applicable regulations. ssigned in discussion between the user, the producer and the waste h local regulations. Empty containers or liners may retain some 	
Components Potassium hydroxide (CAS 1310-4 Aquatic Fish Persistence and degradability Bioaccumulative potential Mobility in soil Mobility in general Other adverse effects Disposal instructions Local disposal regulations Hazardous waste code Waste from residues / unused products	58-3) LC50 Western mos No data is available on the de No data available. No data available. No data available. Not available. No other adverse environmen potential, endocrine disruptio 13. Disposal Collect and reclaim or dispos accordance with all applicabl Dispose in accordance with a The waste code should be as disposal company. Dispose of in accordance with product residues. This mater Disposal instructions). Empty containers should be to Since emptied containers mater emptied.	 quitofish (Gambusia affinis) 80 mg/L, 96 hours egradability of this product. ntal effects (e.g. ozone depletion, photochemical ozone creation n, global warming potential) are expected from this component. Considerations e in sealed containers at licensed waste disposal site. Dispose in e regulations. all applicable regulations. ssigned in discussion between the user, the producer and the waste h local regulations. Empty containers or liners may retain some iai and its container must be disposed of in a safe manner (see: taken to an approved waste handling site for recycling or disposal. By retain product residue, follow label warnings even after container is 	
Components Potassium hydroxide (CAS 1310-4 Aquatic Fish Persistence and degradability Bioaccumulative potential Mobility in soil Mobility in general Other adverse effects Disposal instructions Local disposal regulations Hazardous waste code Waste from residues / unused products	58-3) LC50 Western mos No data is available on the de No data available. No data available. Not available. No other adverse environmen potential, endocrine disruptio 13. Disposal Collect and reclaim or dispos accordance with all applicabl Dispose in accordance with a The waste code should be as disposal company. Dispose of in accordance with product residues. This mater Disposal instructions). Empty containers should be as emptied. 14. Transpo	quitofish (Gambusia affinis) 80 mg/L, 96 hours egradability of this product. Intal effects (e.g. ozone depletion, photochemical ozone creation n, global warming potential) are expected from this component. Considerations Ie in sealed containers at licensed waste disposal site. Dispose in e regulations. all applicable regulations. ssigned in discussion between the user, the producer and the waste h local regulations. Empty containers or liners may retain some ial and its container must be disposed of in a safe manner (see:	

Canada: These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to these dangerous goods unless they are transported by vessel.

US: This entry applies only to the vessel transportation of nickel-metal hydride batteries as cargo. Nickel-metal hydride button cells or nickel-metal hydride cells or batteries packed with or contained in battery-powered devices transported by vessel are not subject to the requirements of this special provision.

U.S. Department of Transportation (DOT)

Basic shipping requireme	nts:
UN number	UN3496
Proper shipping name	Batteries, nickel-metal hydride
Hazard class	9
Special provisions	340
rependent of Departure (Coode (TDC Canada)

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:		
UN number UN3496		
Proper shipping name	BATTERIES, NICKEL-METAL HYDRIDE	
Hazard class	9	
Special provisions	97	

DOT; TDG



15. Regulatory Information

Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.		
Canada CEPA Schedule I:	Listed substance		
Nickel hydroxide (CAS 1	2054-48-7)	Listed.	
Export Control List (CEPA	1999, Schedule 3)		
Not listed.			
Greenhouse Gases			
Not listed.			
Precursor Control Regulati	ons		
Not regulated.			
WHMIS 2015 Exemptions	Not applicable		
US federal regulations	This product is a "Hazardous Standard, 29 CFR 1910.1200	Chemical" as defined by the OSHA Hazard Communication	
TSCA Section 12(b) Export	Notification (40 CFR 707, Sub	pt. D)	
Not regulated.			
CERCLA Hazardous Subst	ance List (40 CFR 302.4)		
Nickel hydroxide (CAS 1	2054-48-7)	Listed.	
Potassium hydroxide (C	AS 1310-58-3)	Listed.	
Steel (CAS)		Listed.	
	ulated Substances (29 CFR 19	10.1001-1050)	
Not listed.			
Superfund Amendments and R	eauthorization Act of 1986 (SA	RA)	
Hazard categories	Immediate Hazard - Yes		
	Delayed Hazard - No Fire Hazard - No		
	Pressure Hazard - No		
	Reactivity Hazard - No		
SARA 302 Extremely	No		
hazardous substance			
SARA 311/312 Hazardous chemical	No		

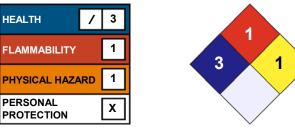
Chemical name		CAS number	% by wt.
Nickel hydroxide Steel		12054-48-7 	30 25
			25
ner federal regulations			
Clean Air Act (CAA) Section		ints (HAPs) List	
Nickel hydroxide (CAS 12 Clean Air Act (CAA) Section		Prevention (40 CFR	68.130)
Not regulated.			
Clean Water Act (CWA) Section 112(r) (40 CFR 68.130)	Hazardous substance Priority pollutant Toxic pollutant		
state regulations			
US - California Hazardous S	ubstances (Director's): Lis	ted substance	
Nickel hydroxide (CAS 12 Potassium hydroxide (CA	S 1310-58-3)	Listed. Listed.	
US - Illinois Chemical Safety			
Nickel hydroxide (CAS 12 Potassium hydroxide (CA Steel (CAS)			
US - Louisiana Spill Reporti	ng: Listed substance		
Nickel hydroxide (CAS 12		Listed.	
Potassium hydroxide (CA	S 1310-58-3)	Listed.	
Steel (CAS) US - Michigan Critical Mater	ials Register [.] Parameter n	Listed.	
Nickel hydroxide (CAS 12	-		
US - Minnesota Haz Subs: L			
Nickel hydroxide (CAS 12 Potassium hydroxide (CA	054-48-7)	Listed. Listed.	
US - New Jersey RTK - Subs	tances: Listed substance		
Nickel hydroxide (CAS 12 Potassium hydroxide (CA Steel (CAS)	,		
US - Pennsylvania RTK - Ha	zardous Substances: Spee	cial hazard	
Nickel hydroxide (CAS 12	054-48-7)		
US - Texas Effects Screenin	g Levels: Listed substance)	
Nickel hydroxide (CAS 12		Listed.	
Potassium hydroxide (CA	S 1310-58-3)	Listed.	
Steel (CAS) US. Massachusetts RTK - Si	ubetanco Liet	Listed.	
Nickel hydroxide (CAS 12			
Potassium hydroxide (CAS 12	,		
US. New Jersey Worker and		v Act	
Nickel hydroxide (CAS 12	:054-48-7)		
US. Pennsylvania Worker ar	d Community Right-to-Kn	ow Law	
Nickel hydroxide (CAS 12 Potassium hydroxide (CA US. Rhode Island RTK	,		
Potassium hydroxide (CA	S 1210 59 2)		
•	,		
US. California Proposition 6 WARNING: This product more information go to w	can expose you to Nickel Hy	/droxide, which is kno	wn to the State of California to cause cancer. For
US - California Proposit	ion 65 - CRT: Listed date/C	arcinogenic substar	nce
Nickel hydroxide (CA	S 12054-48-7)	Listed: October	1, 1989
entory status			
Country(s) or region	Inventory name		On inventory (yes/no)
Canada	Domestic Substances List	(DSL)	N Inventory (yes/ho)
Canada	Non-Domestic Substances		N
Junuuu			IN I

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Disclaimer



The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Issue date	30-May-2019	
Version #	01	
Effective date	30-May-2019	
Prepared by	Dell Tech Laboratories, Ltd. Phone: (519) 858-5021	
Other information	For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.	