
1. Identification

Product identifier	Platinum+ Rechargeable Candles
Other means of identification	Not available.
Recommended use	Sealed battery
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
Manufacturer	
Company name	Hollowick, Inc.
Address	100 Fairgrounds Dr. P.O. Box 305 Manlius, NY, 13104 United States
Telephone	Phone: 315-682-2163 Phone: 800-367-3015 (Toll free) Fax: 315-682-6948
E-mail	info@hollowick.com
Emergency phone number	1-800-255-3924 (ChemTel) 1-813-248-0585 (ChemTel) (Outside US)
Supplier	See above.

2. Hazard identification

Physical hazards	Corrosive to metals	Category 1
Health hazards	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1
	Sensitization, respiratory	Category 1
	Sensitization, skin	Category 1
	Germ cell mutagenicity	Category 2
	Carcinogenicity	Category 1A
	Reproductive toxicity	Category 1B
	Specific target organ toxicity, repeated exposure	Category 1
	Environmental hazards	Not classified.
WHMIS 2015 defined hazards	Not classified	
Label elements		



Signal word	Danger
Hazard statement	May be corrosive to metals. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.
Precautionary statement	
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Keep only in original packaging. Do not breathe vapor. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection. Wear respiratory protection.

Response	Absorb spillage to prevent material-damage. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor. Immediately call a POISON CENTER or doctor. Specific treatment (see information on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention.
Storage	Store in a corrosion resistant container with a resistant inner liner. Store locked up.
Disposal	Dispose of container in accordance with local, regional, national and international regulations.
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	Internal components of battery can be harmful if exposed. If battery is opened or burned then the above hazards apply. 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 hazardous product. This product is not subject to the Hazardous Products Act (HPA) Part II (Hazardous Products) as per paragraph 12(j); Schedule 1 (Non-Application of Part II).

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

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments	Not applicable to manufactured articles. *This composition applies to the cell of the battery and the electrolyte of the unused battery. US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. *CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.
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4. First-aid measures

Inhalation	Direct contact with the ruptured battery may cause chemical burns. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.
Skin contact	Direct contact with the ruptured battery may cause chemical burns. IF ON SKIN: Wash with plenty of water. Immediately call a POISON CENTER or doctor. Specific treatment (see product label). Wash contaminated clothing before reuse.
Eye contact	Direct contact with the ruptured battery may cause chemical burns. 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.
Ingestion	Direct contact with the ruptured battery may cause chemical burns. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
Most important symptoms/effects, acute and delayed	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Prolonged exposure may cause chronic effects. Direct contact with the electrolyte may cause chemical burns.
Indication of immediate medical attention and special treatment needed	Symptoms may be delayed. Treat patient symptomatically.

General information IF exposed or concerned: Get medical attention. 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. Wash contaminated clothing before reuse. Avoid contact with eyes and skin. Wear rubber gloves and chemical splash goggles. Keep out of reach of children.

5. Fire-fighting measures

Suitable extinguishing media Dry sand. If batteries are on charge, turn power off. Dry chemical.

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 clothing including self-contained breathing apparatus.

Fire-fighting equipment/instructions Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved 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 measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up The product is immiscible with water and will spread on the water surface. Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb spillage to prevent material damage. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS. 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 Avoid discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.

7. Handling and storage

Precautions for safe handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices. Avoid mechanical damage to the battery. Do not open or disassemble. Battery may explode or cause burns if disassembled, crushed or exposed to fire or high temperatures.

Conditions for safe storage, including any incompatibilities Store locked up. Keep only in the original container. Store in corrosive resistant container with a resistant inner liner. Store in a well-ventilated place. Keep out of reach of children. Store away from incompatible materials (see Section 10 of the SDS). 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

Occupational exposure limits

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value
Nickel hydroxide (CAS 12054-48-7)	TWA	0.2 mg/m ³
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m ³

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	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, The Workplace Safety And Health Act)

Components	Type	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. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs Publication (New Brunswick Regulation 91-191), as amended

Components	Type	Value
Nickel hydroxide (CAS 12054-48-7)	TWA	1 mg/m3
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

Components	Type	Value	Form
Nickel hydroxide (CAS 12054-48-7)	TWA	0.2 mg/m3	Inhalable dust.
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

Components	Type	Value	Form
Nickel hydroxide (CAS 12054-48-7)	15 minute	0.6 mg/m3	Inhalable fraction.
	8 hour	0.2 mg/m3	Inhalable fraction.
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3	

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Nickel hydroxide (CAS 12054-48-7)	PEL	1 mg/m3

US. ACGIH Threshold Limit Values

Components	Type	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 Hazards

Components	Type	Value
Nickel hydroxide (CAS 12054-48-7)	TWA	0.015 mg/m3
Potassium hydroxide (CAS 1310-58-3)	Ceiling	2 mg/m3

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Nickel hydroxide (CAS 12054-48-7)	30 µg/l	Nickel	Urine	*

* - For sampling details, please see the source document.

Exposure guidelines

Canada - British Columbia OELs: Skin designation

Steel (CAS ---)

Can be absorbed through the skin.

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. General ventilation normally adequate.

Individual protection measures, such as personal protective equipment

Eye/face protection

Not normally required under normal use conditions. Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection

Not normally required under normal use conditions. Impervious gloves. Confirm with reputable supplier first.

Other

No special requirements under normal use conditions. Avoid contact with eyes and skin. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. As required by employer code.

Respiratory protection

Not normally required if good ventilation is maintained. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

Thermal hazards

Not applicable.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	Prismatic
Physical state	Solid.
Form	Solid. The battery cell is contained in a case, designed to withstand temperatures and pressure during normal use.
Color	Green
Odor	Odorless
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Pour point	Not available.
Specific gravity	Not available.
Partition coefficient (n-octanol/water)	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.

Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	Voltage 2.4V Electric capacity 300mAh
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport. May be corrosive to metals. This product may react with strong oxidizing agents.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not mix with other chemicals. Exposure to water or water vapor. Avoid direct sunlight.
Incompatible materials	Strong acids. Strong oxidizing agents. Metals. Conductive materials.
Hazardous decomposition products	May include and are not limited to: Oxides of iron. Oxides of nickel. Oxides of potassium.

11. Toxicological information

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Information on likely routes of exposure	
Ingestion	Direct contact with the ruptured battery may cause chemical burns. Causes digestive tract burns. Harmful if swallowed. May cause chemical burns to mouth, throat and stomach. May cause stomach distress, nausea or vomiting.
Inhalation	Direct contact with the ruptured battery may cause chemical burns. May cause sensitization by inhalation. May cause irritation to the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.
Skin contact	Direct contact with the ruptured battery may cause chemical burns. May cause an allergic skin reaction. May cause sensitization by skin contact.
Eye contact	Direct contact with the ruptured battery may cause chemical burns. Causes serious eye damage. May cause blindness.
Symptoms related to the physical, chemical and toxicological characteristics	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Difficulty in breathing. Direct contact with the ruptured battery may cause chemical burns.

Information on toxicological effects

Acute toxicity

Components	Species	Test Results
Potassium hydroxide (CAS 1310-58-3)		
Acute		
<i>Dermal</i>		
LD50	Rat	> 1260 mg/kg, CCOHS
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	333 mg/kg, ECHA

Skin corrosion/irritation Direct contact with the ruptured battery may cause chemical burns. Prolonged skin contact may cause temporary irritation. Causes severe skin burns and eye damage.

Exposure minutes	Not available.
Erythema value	Not available.
Oedema value	Not available.
Serious eye damage/eye irritation	Causes serious eye damage. Direct contact with the ruptured battery may cause chemical burns.
Corneal opacity value	Not available.

Iris lesion value	Not available.
Conjunctival reddening value	Not available.
Conjunctival oedema value	Not available.
Recover days	Not available.
Respiratory or skin sensitization	Contains a potential skin sensitizer. Contains a potential respiratory tract sensitizer.
ACGIH sensitization	
Beryllium and compounds, soluble and insoluble compounds, as Be, inhalable fraction (CAS ---)	Respiratory sensitization
Canada - Alberta OELs: Irritant	
Potassium hydroxide (CAS 1310-58-3)	Irritant
Respiratory sensitization	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitization	May cause an allergic skin reaction.
Mutagenicity	Suspected of causing genetic defects.
Carcinogenicity	May cause cancer. See below.
ACGIH Carcinogens	
Nickel hydroxide (CAS 12054-48-7)	A1 Confirmed human carcinogen.
California Proposition 65 - CRT: Listed date/Carcinogenic substance	
Nickel hydroxide (CAS 12054-48-7)	
Canada - Alberta OELs: Carcinogen category	
Nickel hydroxide (CAS 12054-48-7)	Confirmed human carcinogen.
Canada - Manitoba OELs: carcinogenicity	
Nickel hydroxide (CAS 12054-48-7)	Confirmed human carcinogen.
Canada - Quebec OELs: Carcinogen category	
Nickel hydroxide (CAS 12054-48-7)	Detected carcinogenic effect in humans.
IARC Monographs. Overall Evaluation of Carcinogenicity	
Nickel hydroxide (CAS 12054-48-7)	Supplement 7, Volume 49, Volume 100C 1 Carcinogenic to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)	
Steel (CAS ---)	Cancer
US NTP Report on Carcinogens: Known carcinogen	
Nickel hydroxide (CAS 12054-48-7)	Known To Be Human Carcinogen.
Reproductive toxicity	May damage fertility or the unborn child.
Teratogenicity	The finished product is not expected to have chronic health effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity	See below	
Ecotoxicological data		
Components	Species Test Results	
Potassium hydroxide (CAS 1310-58-3)		
Aquatic		
Fish	LC50	Western mosquitofish (<i>Gambusia affinis</i>) 80 mg/L, 96 hours
Persistence and degradability	No data is available on the degradability of this product.	
Bioaccumulative potential	No data available.	
Mobility in soil	No data available.	
Mobility in general	Not available.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of container in accordance with local, regional, national and international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel] The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

Transport of Dangerous Goods (TDG) Proof of Classification	Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.
General	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 requirements:

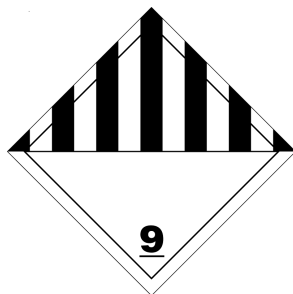
UN number	UN3496
Proper shipping name	Batteries, nickel-metal hydride
Hazard class	9

Transportation of Dangerous Goods (TDG - Canada)

Basic shipping requirements:

UN number	UN3496
Proper shipping name	BATTERIES, NICKEL-METAL HYDRIDE
Hazard class	9

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. This product is not subject to the Hazardous Products Act (HPA) Part II (Hazardous Products) as per paragraph 12(j); Schedule 1 (Non-Application of Part II). This restriction states that Part II does not apply in respect of the sale or importation of anything listed in Schedule 1 which includes any pest control product as defined in subsection 2(1) of the Pest Control Products Act, any explosive as defined in section 2 of the Explosives Act, any cosmetic, device, drug or food, as defined in section 2 of the Food and Drugs Act, any consumer product as defined in section 2 of the Canada Consumer Product Safety Act and any wood or product made of wood.
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Canada CEPA Schedule I: Listed substance

Nickel hydroxide (CAS 12054-48-7) Listed.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

WHMIS 2015 Exemptions Not applicable**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Nickel hydroxide (CAS 12054-48-7) Listed.

Potassium hydroxide (CAS 1310-58-3) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Steel (CAS ---)	Cancer lung effects (CBD and acute beryllium disease) beryllium sensitization Skin sensitization skin, eye, and respiratory tract irritation
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Superfund Amendments and Reauthorization Act of 1986 (SARA)**SARA 302 Extremely hazardous substance** No

Classified hazard categories	Corrosive to metal Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity Reproductive toxicity Specific target organ toxicity (single or repeated exposure)
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SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Nickel hydroxide	12054-48-7	30

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Nickel hydroxide (CAS 12054-48-7)

Steel (CAS ---)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Clean Water Act (CWA) Section 112(r) (40 CFR 68.130)	Hazardous substance Priority pollutant Toxic pollutant
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US state regulations See below**US - California Hazardous Substances (Director's): Listed substance**

Nickel hydroxide (CAS 12054-48-7) Listed.

Potassium hydroxide (CAS 1310-58-3) Listed.

US - Illinois Chemical Safety Act: Listed substance

Nickel hydroxide (CAS 12054-48-7)

Potassium hydroxide (CAS 1310-58-3)

US - Louisiana Spill Reporting: Listed substance

Nickel hydroxide (CAS 12054-48-7) Listed.

Potassium hydroxide (CAS 1310-58-3) Listed.

US - Michigan Critical Materials Register: Parameter number

Nickel hydroxide (CAS 12054-48-7)

US - Minnesota Haz Subs: Listed substance

Nickel hydroxide (CAS 12054-48-7) Listed.

Potassium hydroxide (CAS 1310-58-3) Listed.

US - Texas Effects Screening Levels: Listed substance

Nickel hydroxide (CAS 12054-48-7) Listed.

Potassium hydroxide (CAS 1310-58-3) Listed.

US. Massachusetts RTK - Substance List

Nickel hydroxide (CAS 12054-48-7)

Potassium hydroxide (CAS 1310-58-3)

US. New Jersey Worker and Community Right-to-Know Act

Nickel hydroxide (CAS 12054-48-7)
 Potassium hydroxide (CAS 1310-58-3)

US. Pennsylvania Worker and Community Right-to-Know Law

Nickel hydroxide (CAS 12054-48-7)
 Potassium hydroxide (CAS 1310-58-3)
 Steel (CAS ---)

US. Rhode Island RTK

Potassium hydroxide (CAS 1310-58-3)

US. California Proposition 65

WARNING: This product can expose you to Nickel Hydroxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Nickel hydroxide (CAS 12054-48-7) Listed: October 1, 1989

Inventory status

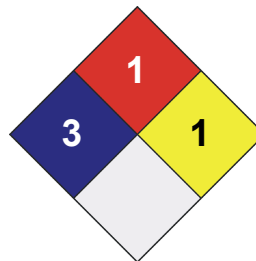
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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

HEALTH	/ 3
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	X

**Disclaimer**

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. The information in the safety data sheet was written by Dell Tech Laboratories Ltd. (www.delltech.com) based on the best knowledge and experience currently available.

Issue date

25-May-2022

Version #

02

Effective date

30-May-2019

Prepared by

Dell Tech Laboratories, Ltd. Phone: (519) 858-5021

Further information

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.