EXAXOL CHEMICAL CORPORATION		Revision nr. 1 Dated 11/3/2016
PLNI1 - Nickel ICP Standard 1,000ppm in 2% Nitric acid		Printed on 3/11/2016
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Safety data sheet ac	cording to U.S.A. Federal	Hazcom 2012
SECTION 1. Identification of the subs	stance/mixture and of the company/un	dertaking
1.1. Product identifier		
Code: Product name	PLNI1 Nickel ICP Standard 1,000ppm in 2% Nitric acid	
1.2. Relevant identified uses of the substance or m Intended use For Laboratory Use O		
1.3. Details of the supplier of the safety data sheet		
Name Full address District and Country	EXAXOL CHEMICAL CORPORATION 14325 60 TH ST N 33760 CLEARWATER - FLORIDA US	
	Tel. 1-727-524-7732	
e-mail address	Fax 1-727-532-8221	
	info@exaxol.com	
1.4. Emergency telephone number For urgent inquiries refer to	1-800-255-3924 ChemTel Inc.	
SECTION 2. Hazards identification.		
2.1. Classification of the substance or mixture.		

The product is classified as hazardous pursuant to the provisions set forth in OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200). The product thus requires a safety datasheet. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Classification and Hazard Statement. Carcinogenicity, category 1A Reproductive toxicity, category 1B Eye irritation, category 2 Skin irritation, category 2 Respiratory sensitization, category 1 Skin sensitization, category 1



May cause cancer. May damage fertility or the unborn child. Causes serious eye irritation. Causes skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Signal words:

Danger

Hazard statements:

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H350 May cause cancer. H360 May damage fertility or the unborn child. H319 Causes serious eye irritation. H315 Causes skin irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. Precautionary statements: Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing dust / fume / gas / mist / vapours / spray. Wash skin thoroughly after handling. P264 P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves / protective clothing / eye protection / face protection. P284 [In case of inadequate ventilation] wear respiratory protection. Response: P302+P352 IF ON SKIN: wash with plenty of water. P304+P340 IF INHALED: remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsina. P321 Specific treatment (see label). P362+P364 Take off contaminated clothing and wash it before reuse. Storage: P405 Store locked up. Disposal: P501 Dispose of contents / container to an approved waste disposal plant. 2.2. Other hazards. Environmental classification as for Reg. (EU) 1272/2008 (CLP): The product is classified as hazardous for environment pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). Classification and Hazard Statement. Hazardous to the aquatic environment, chronic toxicity, category 3 Harmful to aquatic life with long lasting effects. Hazard statements: H412 Harmful to aquatic life with long lasting effects. Precautionary statements: Prevention: P273 Avoid release to the environment. Response: Storage: Disposal: P501 Dispose of contents / container to an approved waste disposal plant. Additional hazards. **SECTION 3.** Composition/information on ingredients. 3.1. Substances.

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Information not relevant.

3.2. Mixtures.

Contains:

Identification.	Conc. %.	Classification:
WATER		
CAS. 7732-18-5	50 - 100	
NITRIC ACID		
CAS. 7697-37-2	1 - 3	Oxidising liquid, category 3 H272, Skin corrosion, category 1A H314
Nickel(II) Nitrate Hexahydrate		0 7
CAS. 13478-00-7	0.25 - 0.5	

Note: Upper limit is not included into the range.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures.

4.1. Description of first aid measures.

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

4.2. Most important symptoms and effects, both acute and delayed.

For symptoms and effects caused by the contained substances, see chap. 11.

4.3. Indication of any immediate medical attention and special treatment needed.

Information not available.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT Extinguishing substances are: carbon dioxide and chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak. UNSUITABLE EXTINGUISHING EQUIPMENT

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Do not use jets of water.

Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE If large quantities of the product are involved in a fire, they can make it considerably worse. Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION

In the case of fire, use jets of water to cool the containers to prevent the risk of explosions (product decomposition and excess pressure) and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Remove all containers containing the product from the fire, if it is safe to do so.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up.

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours

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or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities.

Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Regulatory References:

USA	NIOSH-REL	NIOSH publication No. 2005-149, 3th printing, 2007.
USA	OSHA-PEL	Occupational Exposure Limits - Limits for Air Contaminants TABLE Z-1- 1910.1000.
USA	CAL/OSHA-PEL	California Division of Occupational Safety and Health (Cal-OSHA) Permissible Exposure Limits (PELs).
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.
	TLV-ACGIH	ACGIH 2014

NITRIC ACID

Threshold Limit Value.					
Туре	Country	TWA/8h		STEL/15min	1
		mg/m3	ppm	mg/m3	ppm
TLV-ACGIH	-	5.2	2	10.3	4
OEL	EU			2.6	1
OSHA	USA	5	2		
CAL/OSHA	USA	5	2	10	4
NIOSH	USA	5	2	10	4

8.2. Exposure controls.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must comply with current regulations.

Provide an emergency shower with face and eye wash station.

The product must be used inside a closed circuit, in a well-ventilated environment and with strong localised aspiration systems in place.

HAND PROTECTION

Protect hands with category III work gloves (OSHA 29 CFR 1910.138).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

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SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (OSHA 29 CFR 1910.133).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a NIOSH certified filter, whose class must be chosen according to the limit of use concentration (NIOSH 42 CFR 84, OSHA 29 CFR 1910.134). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required. Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus or external air-intake breathing apparatus. For a correct choice of respiratory protection device, see standard NIOSH 42 CFR 84 and OSHA 29 CFR 1910.134.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

A	Net evelleble
Appearance Colour	Not available.
Odour	Not available.
0 000	
Odour threshold.	Not available.
pH.	Not available.
Melting point / freezing point.	Not available.
Initial boiling point.	Not available.
Boiling range.	Not available.
Flash point.	> 93 °C.
Evaporation Rate	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure.	Not available.
Vapour density	Not available.
Relative density.	Not available.
Solubility	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information.

Information not available.

SECTION 10. Stability and reactivity.

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10.1. Reactivity.

NITRIC ACID: decomposes at 84°C with possibility of self-ignition.

10.2. Chemical stability.

Information not available.

10.3. Possibility of hazardous reactions.

The product may react violently with water.

10.4. Conditions to avoid.

Avoid overheating. Prevent moisture or water from penetrating inside the containers.

NITRIC ACID: exposure to heat and light.

10.5. Incompatible materials.

NITRIC ACID: flammable substances, reducing substances, alcohol, basic substances and metals; acetone, acetic acid, acetic anhydride and certain plastics.

10.6. Hazardous decomposition products.

NITRIC ACID: nitric oxides.

SECTION 11. Toxicological information.

11.1. Information on toxicological effects.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

This product has a carcinogenic effect on human beings. Currently available data suggest a cause-effect relationship between human exposure to the substance contained in this product and cancer development.

This product has a teratogenic effect on human beings: damages fertility and/or has toxic effects on fetus development.

There is sufficient evidence to make us believe that the substance contained in the product is likely to affect the embryo-fetal development and/or the fetus development.

Acute effects: stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation.

Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

Acute effects: contact with skin may cause: irritation, erythema, edema, dryness and chapped skin.

Ingestion may cause health disorders, including stomach pain and sting, nausea and sickness.

Inhalation of this product causes sensitization, which may then give rise to a series of inflammatory episodes, most of all characterized by obstruction and affecting the respiratory system. Sometimes, sensitization phenomena arise together with evident rhinitis and asthma. Damages to the respiratory system depend on the inhaled quantity, on the product concentration in the working environment and on the exposure time.

Upon contact with skin, this product causes sensitization (dermatitis). Dermatitis derives from skin irritation on the areas which repeatedly come into contact with the sensitizing agent. Cutaneous lesions may include: erythemas, edemas, papules, vesicles, pustules, scurvies, ulcerations and exudative

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phenomena, whose intensity varies according to illness seriousness and affected areas. Erythemas, edemas and exudative phenomena prevail during the acute phase. Scurfy skin, dryness, ulcerations and skin thickening prevail during the chronic phase.

NITRIC ACID LC50 (Inhalation).67 ppm/4h Rat

SECTION 12. Ecological information.

This product is dangerous for the environment and the aquatic organisms. In the long term, it have negative effects on aquatic environment. **12.1. Toxicity.** Information not available.

12.2. Persistence and degradability.

NITRIC ACID

Solubility in water.

> 1000000 mg/l

Biodegradability: Information not available.

12.3. Bioaccumulative potential.

NITRIC ACID Partition coefficient: n- < 3 octanol/water.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to dangerous goods transport regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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SECTION 14. Transport information.

14.1. UN number.

ADR / RID, IMDG, UN: 3264 IATA:

14.2. UN proper shipping name.

ADR / RID:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID)
IMDG:	CORŔOSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID)

IATA:

14.3. Transport hazard class(es).

ADR / RID:	Class: 8	Label: 8
IMDG:	Class: 8	Label: 8
ΙΑΤΑ:	Class: 8	Label: 8

14.4. Packing group.

ADR / RID, IMDG,	
IATA:	

14.5. Environmental hazards.

ADR / RID: NO

14.6. Special precautions for user.

ADR / RID:	Nr. Kemler: 80	Limited Quantity 5 L	Tunnel restriction code (E)
	Special Provision: -		
IMDG:	EMS: F-A, S-B	Limited Quantity 5 L	
IATA:	Cargo:	Maximum quantity: 60 L	Packaging instructions: 856
	Pass.:	Maximum quantity: 5 L	Packaging instructions: 852
	Special Instructions:	A3, A803	



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I.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.	
formation not relevant.	
SECTION 15. Regulatory information.	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.	
S. Federal Regulations.	
ean Air Act Section 112(b):	
o component(s) listed.	
ean Air Act Section 602 Class I Substances:	
o component(s) listed.	
ean Air Act Section 602 Class II Substances:	
o component(s) listed.	
ean Water Act – riority Pollutants:	
o component(s) listed.	
ean Water Act – oxic Pollutants:	
o component(s) listed.	
EA List I Chemicals (Precursor Chemicals):	
o component(s) listed.	
EA List II Chemicals (Essential Chemicals):	
o component(s) listed.	
PA List of Lists:	
3 Category Code:	
7697-37-2 NITRIC ACID	
PCRA 302 EHS TPQ:	
7697-37-2 NITRIC ACID PCRA 304 EHS RQ:	
7697-37-2 NITRIC ACID	
ERCLA RQ:	

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	7697-37-2 PCRA 313 TRI:	NITRIC ACID		
	7697-37-2 CRA Code:	NITRIC ACID		
No	component(s) listed.			
CA	A 112 (r) RMP TQ:			
No	component(s) listed.			
St	ate Regulations.			
Ma	assachussetts:			
	7697-37-2	NITRIC ACID		
Mi	nnesota:			
	7697-37-2 w Jersey:	NITRIC ACID		
	3478-00-7 7697-37-2 w York <u>:</u>	Nickel(II) Nitrate Hexahydrate NITRIC ACID		
	7697-37-2 nnsylvania:	NITRIC ACID		
	/697-37-2 lifornia:	NITRIC ACID		
	2697-37-2 oposition 65:	NITRIC ACID		
Int	ernational Regulations.			
<u>Sı</u>	Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:			
No	ne.			
Su	bstances subject to the Rotterdam Convention:			
No	ne.			
<u>Sı</u>	bstances subject to the Stockholm Convention:			
No	ne.			
Ca	ndadian WHMIS.			

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Information not available.

SECTION 16. Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Ox. Liq. 3	Oxidising liquid, category 3
Ox. Sol. 2	Oxidising solid, category 2
Carc. 1A	Carcinogenicity, category 1A
Muta. 2	Germ cell mutagenicity, category 2
Repr. 1B	Reproductive toxicity, category 1B
STOT RE 1	Specific target organ toxicity - repeated exposure, category 1
Skin Corr. 1A	Skin corrosion, category 1A
Skin Corr. 1B	Skin corrosion, category 1B
Skin Corr. 1C	Skin corrosion, category 1C
Eye Dam. 1	Serious eye damage, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Resp. Sens. 1	Respiratory sensitization, category 1
Skin Sens. 1	Skin sensitization, category 1
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic toxicity, category 4
H272	May intensify fire; oxidiser.
H350	May cause cancer.
H341	Suspected of causing genetic defects.
H360	May damage fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

LEGEND:

- 313 CATEGORY CODE: Emergency Planning and Community Right-to Know Act Section 313 Category Code

ADR: European Agreement concerning the carriage of Dangerous goods by Road
 CAA 112 ® RMP TQ: Risk Management Plan Threshold Quantity (Clean Air Act Section 112®)

- CAS NUMBER: Chemical Abstract Service Number

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 CES0: Effective concentration (required to induce a 50% effect) CERCLA RC Reportable Outmity (Comprehensive Environment Response, Compensation, and Liability Act) C.P. EC Regulation 1272/2008 PEA: Dis Environmental Protection Agency PEA: Lib Environmental Protection Agency PCCRA 302 EHS TRO: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code) PCCRA 302 EHS TRO: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code) PCCRA 302 EHS TRO: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code) PCCRA 301 EHS TRO: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code) PCCRA 301 EHS TRO: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code) PCCRA 301 EHS TRO: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code) PCCRA 301 EHS TRO: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code) PCCRA 301 EHS TRO: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code) PCRA 302 EHS TRO: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code) PCRA 303 EHS Ro: Resource Constrainton 50% IMOS: International Maritime Code for dangerous goods Regulation PCSD: Lethal Concentration 50% PCSD: Lethal Concentration and Recovery Act Code PEL: Predicted exposure level PEL: Predicted exposure level PEL: Predicted exposure level PCKRA Code: Resource Control Act PCKRA Code: Resource Control Act PCKRA Code: Substances Control Act PCKRA Code: Substances Control Act PCKRA Schartes Control Act<!--</th-->
 CERCLA RQ: Reportable Quantity (Comprehensive Environment Response, Compensation, and Liability Act) CLP: EC Regulation 1272008 DEA: Drug Enforcement Administration EPRS: Energency Schedule EPA: US Environmental Protection Agency EPCRA: US Environmental Protection Agency EPCRA 202 EHS TPO: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code) EPCRA 302 EHS TPO: Extremely Hazardous Substance Reportable Quantity (Section 302 Category Code) EPCRA 303 EHS RO: Extremely Hazardous Substance Reportable Quantity (Section 302 Category Code) EPCRA 301 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 301 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 301 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 301 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 301 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 100 Concentration 50% IMDG: International Maritime Organization ICG0: International Maritime Organization ICG0: International Maritime Organization ICG0: Lethal dose 50% OEL: Occupational Exposure Level PEL: Predicted exposure level RER Requision acconservation and Recovery Act Code REL: Recommended exposure level TLV CELING: Concentration that should not be exceeded during any time of occupational exposure. TSCA: Toxic Substances Control Act TWA STEL: Short-tem exposure limit TWA: Time-weighted average exposure limit The Merck Index. 10th Edition Handing Chemical Safety Nuon: Registry of Toxic Eff
 DEA: Drug Enforcement Administration Ems: Emergency Schedule EPCRA: US Environmental Protection Agency EPCRA: US Environmental Protection Agency EPCRA: Statemetry Hazardous Substance Reportable Quantity (Section 302 Category Code) EPCRA 302 EHS TPQ: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code) EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 314 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 315 TRI: Toxics Release Inventory (Section 313 Category Code) EPCRA 302 Hast International Air Transport Association Dangerous Goods Regulation IGS0: International Maritime Code for dangerous goods IMOC International Maritime Code for dangerous goods EQS0: Lethal Concentration 50% EQS0: Lethal Concentration 50% EQS0: Lethal Concentration 50% EQS0: Lethal Concentration for 4 CPEL: Coccupational Exposure Level PEL: Predicted exposure level PEL: Predicted exposure level PEL: Resource Conservation and Recovery Act Code RED: Regulation concentration flat Insport of dangerous goods by train TLV CEILNG: Concentration that should not be exceeded during any time of occupational exposure. TSCA: Toxic Substances Control Act TVA STEL: Short-time exposure limit TVA: Stell-Stances Control Act TVA: Time-weighted average exposure limit TVA: Cittali organic Compounds VHMIS: Workplace Hazardous Materials Information System. CERENT DBLOGRAPHY: OHS of the Toxicologique (toxicological sheet) PRA: Inductial Hygiene and Toxicology Nicsh - Registry of Toxi
 Ems: Emergency Schedule EPR: Ubserviornmental Protection Agency EPCRA: Servironmental Protection Agency EPCRA 302 EHS TPC: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code) EPCRA 313 TRI: Toxics Release Inventorous Statement Plazardous Substance Reportable Quantity (Section 304 Category Code) EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code) CHS: Globally Harmonized System of classification and labeling of chemicals IATA DGR: International Air Transport Association Dangerous Goods Regulation ICS0: Immobilization Concentration 50% IMOC: International Maritime Code for dangerous goods IMO: International Maritime Organization LDS0: Lethal Concentration 50% OEL: Occupational Exposure Level PEL: Predicted exposure level RCRA Code: Resource Conservation and Recovery Act Code REX: Recommended exposure limit RD: Regulation concerning the international transport of dangerous goods by train TLV: Threshold Limit Value TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure. TSCA: Toxic Substances Control Act TWA STRE: Short-term exposure limit VOC: Volatile organic Compounds WHMIS: Workplace Hazardous Materials Information System.
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List Of Lists EDA: Consolidated List of Chamicals Subject to EDCDA. CEDCLA and Section 1120 of the Clean Air Act
- List Of Lists EPA: Consolidated List of Chemicals Subject to EPCRA, CERCLA and Section 112® of the Clean Air Act
 Massachussetts 105 CMR Department of public health 670.000: "Right to Know" Minensota Chapter 5206 Departemnt Of Labor and Industry Hazardous Substances, Employee "Right to Know".
- Minersota Chapter 5206 Departement Of Labor and industry Hazardous Substances, Employee Right to Know . - New Jersey Worker and Community Right to know Act N.J.S.A.
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Note for users: The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and
thoroughness of provided information according to each specific use of the product.
This document must not be regarded as a guarantee on any specific product property.
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