TED PELLA, INC.
Microscopy Products for Science and Industry

Safety Data Sheet

Product No. 114-7 Clear Nail Polish
Issue Date (10-06-15)
Review Date (10-08-2021) Rev. 05

Section 1: Product and Company Identification

Product Name: Clear Nail Polish
Synonym: None
Company Name
Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477
Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)
Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)
CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day
CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day

Section 2: Hazard Identification

Classification of the substance or mixture: GHS Classification in accordance with 29 CFR 1910.1200

Serious Eye damage/eye irritation	Category 2
Skin sensitization	Category 1A
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 2

GHS Pictograms

GHS02 GHS07

Signal Word: DANGER

Hazard Statements

H225	Highly flammable liquid and vapor.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction
H336	May cause drowsiness or dizziness.
H402	Harmful to aquatic life.

Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.

P280	Wear protective gloves/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.
P333 + P313:	If skin irritation or rash occurs: Get medical advice/attention.
P363:	Wash contaminated clothing before reuse.
P304+P340+P312	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P403+P233	Store in well-ventilated place. Keep container tightly closed.
P235	Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to an approved waste disposal plant.

Other hazards

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION
Fire: In case of fire, use CO_2. Dry chemical, or foam for extinction.

Interactions with Other Chemicals

Use of alcoholic beverages may enhance toxic effects.

NFPA Rating	**HMIS® Hazard Rating**
Health: 2	Health: 2
Flammability: 3	Flammability: 3
Instability: 0	Reactivity: 0
Special Notice:	Personal Protection:

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Section 3: Composition / Information on Ingredients

Chemical Name	**CAS No.** **EC No.**	**Weight %**	**Trade Secret**
Butyl acetate	123-86-4 204-658-1	15-40	*
Ethyl acetate	141-78-6 205-500-4	10-30	*
Isopropyl alcohol	67-63-0 200-661-7	1-5	*
Adipic acid/neopentyl glycol/ trimellitic anhydride copolymer	28407-73-0 608-203-1	1-5	*
Silica	7631-86-6 231-545-4	1-5	*
Triphenyl phosphate	115-86-6 204-112-2	0.1-1	*
Titanium dioxide	13463-67-7 236-675-5	0.1-1	*

The exact percentage (concentration) of composition has been withheld as a trade secret

Section 4: First Aid Measures

General Advice Show this safety data sheet to the doctor in attendance.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lens, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin Contact: May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation: Remove to fresh air.

Ingestion: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider: Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Wear personal protection clothing. (See Section 8)

Most important symptoms and effects, both acute and delayed

Burning sensation. Itching. Rashes. Hives. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Note to physician: Treat symptomatically

Section 5: Fire Fighting Measures

Uniform Fire Code: Flammable Liquid: I-B
Irritant: Liquid

Suitable Extinguishing Media:

Dry chemical, CO_2, water spray or regular foam. Use water spray or fog; do not use straight streams.

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. Risk of ignition. Keep product and empty away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations**.**

Explosion Data:

Sensitivity to Mechanical Impact	None
Sensitivity to static Discharge	Yes

Protective Equipment and Precautions for Fire Fighters:

As in any fire, wear self-container breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 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. See section 8 for more information. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other Information Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

Environmental Precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for Containment A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways.

Methods for Clean Up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Methods for Waste Disposal Dispose of waste according to Federal, State and Local Regulations.

Section 7: Handling and Storage

Precautions for Safe Handling: 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. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

Conditions for Safe Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products: Strong oxidizing agents. Acids. Chlorinated compounds.

Section 8: Exposure Controls / Personal Protection

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Butyl acetate 123-86-4	STEL: 200 ppm TWA: 150 ppm	TWA: 150 ppm TWA: 710 mg/m3 (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m3 (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m3	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m3 STEL: 200 ppm STEL: 950 mg/m3
Ethyl acetate 141-78-6	TWA: 400 ppm	TWA: 400 ppm TWA: 1400 mg/m3 (vacated) TWA: 400 ppm (vacated) TWA: 1400 mg/m3	IDLH: 2000 ppm TWA: 400 ppm TWA: 1400 mg/m3
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m3 (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m3 (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m3	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m3 TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m3
Silica 7631-86-9	-	TWA: 20 mppcf : (80)/(% SiO2) mg/m3 TWA	IDLH: 3000 mg/m3 TWA: 6 mg/m3
Triphenyl phosphate 115-86-6	TWA: 3 mg/m3	TWA: 3 mg/m3 (vacated) TWA: 3 mg/m3	IDLH: 1000 mg/m3 TWA: 3 mg/m3
Titanium dioxide 13463-67-7	TWA: 10 mg/m3	TWA: 15 mg/m3 total dust (vacated) TWA: 10 mg/m3 total dust	IDLH: 5000 mg/m3

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Appropriate Engineering Controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual Protection measures, such as personal protective equipment

Eye/Face Protection None required for consumer use.
If there is a risk of contact, tight sealing safety goggles.

Skin and Body Protection Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures 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. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

Section 9 Physical and Chemical Properties

Physical State	Viscous liquid, Liquid
Appearance	Clear
Color	Clear
Odor	Solvent
Odor Threshold	No Information Available

Properties	**Values**	**Remarks**
pH		
Melting/Freezing Point	No data available	None known
Boiling Point/Range	No data available	None known
Flash point	21° C / 71° F	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability in Air		
Upper Limit	No data available	
Lower Limit		
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Specific Gravity	1	
Water Solubility	Insoluble in water	
Solubility in other Solvents	No data available	None known
Partition Coefficient: n-octanol/water	No 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
Explosive Properties	No data available	
Oxidizing Properties	No data available	
Other Information	No data available	
Softening Point	No data available	
VOC Content (%)	No data available	
Particle Size	No data available	
Particle Size Distribution		

Section 10: Stability and Reactivity

Reactivity:	No data available.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Heat, flames and sparks.
Incompatible Materials:	Strong oxidizing agents. Acids. Chlorinated compounds.
Hazardous Decomposition Products:	Carbon oxides.

Section 11: Toxicological Information

Information on likely routes of exposure

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness and dizziness.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Butyl acetate 123-86-4	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 390 ppm (Rat) 4 h
Ethyl acetate 141-78-6	= 5620 mg/kg (Rat)	> 20 mL/kg (Rabbit)	-
Isopropyl alcohol 67-63-0	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rabbit)	= 16000 ppm (Rat) 8 h
Silica 7631-86-9	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h
Triphenyl phosphate 115-86-6	= 3500 mg/kg (Rat)	> 7900 mg/kg (Rabbit)	-
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-

Information Toxicological Effects

Symptoms	May cause redness and tearing of the eyes. Itching. Rashes. Hives. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

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

Sensitization	May cause sensitization of susceptible persons. May cause sensitization by skin contact.
Mutagenic Effects	No information available.
Carcinogenicity	The product in its final delivery form contains no known ingredient considered a carcinogen.
Reproductive toxicity	No information available.
STOT: single exposure)	No information available.
STOT: repeated exposure	No information available.
Chronic Toxicity	May cause adverse liver effects.
Target Organ Effects	Central Nervous System (CNS). Eyes. Respiratory system. Skin. Lungs. Gastrointestinal tract (GI). Blood. Kidney. Liver. Spleen. Systemic Toxicity.
Aspiration Hazard	No information available.

Numerical Measures of Toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 8,657.00 mg/kg

ATEmix (inhalation-vapor) 488.00 ATEmix

This product **does not** contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12: Ecological Information

Ecotoxicity: Harmful to aquatic life

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Butyl acetate 123-86-4	72h EC50: = 674.7 mg/L (Desmodesmus subspicatus)	96h LC50: 17 - 19 mg/L (Pimephales promelas) 96h LC50: = 62 mg/L (Leuciscus idus) 96h LC50: = 100 mg/L (Lepomis macrochirus)	EC50 = 70.0 mg/L 5 min EC50 = 82.2 mg/L 15 min EC50 = 959 mg/L 18 h EC50 = 98.9 mg/L 30 min	24h EC50: = 72.8 mg/L
Ethyl acetate 141-78-6	48h EC50: = 3300 mg/L (Desmodesmus subspicatus)	96h LC50: 220 - 250 mg/L (Pimephales promelas) 96h LC50: 352 - 500 mg/L (Oncorhynchus mykiss) 96h LC50: = 484 mg/L (Oncorhynchus mykiss)	EC50 = 1180 mg/L 5 min EC50 = 1500 mg/L 15 min EC50 = 5870 mg/L 15 min EC50 = 7400 mg/L 2 h	48h EC50: = 560 mg/L
Isopropyl alcohol 67-63-0	96h EC50: > 1000 mg/L (Desmodesmus subspicatus) 72h EC50: > 1000 mg/L (Desmodesmus subspicatus)	96h LC50: > 1400000 µg/L (Lepomis macrochirus) 96h LC50: = 11130 mg/L (Pimephales promelas) 96h LC50: = 9640 mg/L (Pimephales promelas)		48h EC50: = 13,299 mg/L
Silica 7631-86-9	72h EC50: = 440 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 5000 mg/L (Brachydanio rerio)		48h EC50: = 7600 mg/L
Triphenyl phosphate 115-86-6	96h EC50: 0.6 - 4 mg/L (Pseudokirchneriella subcapitata)	96h LC50: 0.28 - 0.5 mg/L (Oncorhynchus mykiss) 96h LC50: 0.53 - 0.8 mg/L (Pimephales promelas) 96h LC50: 0.47 - 1.04 mg/L (Lepomis macrochirus) 96h LC50: 0.81 - 0.94 mg/L (Pimephales promelas) 96h LC50: = 1.2 mg/L (Oryzias latipes)		48h EC50: 0.86 - 1.2 mg/L

Persistence and Degradability: No information available.

Bioaccumulation

Chemical Name	Log Pow
Butyl acetate 123-86-4	1.81
Ethyl acetate 141-78-6	0.6
Isopropyl alcohol 67-63-0	0.05
Triphenyl phosphate 115-86-6	4.59

Other adverse effects: No information available.

Section 13 Disposal Considerations

Waste Treatment Methods

Disposal Methods: This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Should not be released into the environment. Dispose of contents/containers in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated Packaging: Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number D001

Chemical Name	RCRA	RCRA Basis for Listing	RCRA D Series Wastes	RCRA U Series Wastes
Ethyl acetate 141-78-6		Included in waste stream: F039		U112

California Hazardous Waste 331

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

Chemical Name	California Hazardous Waste
Butyl acetate 123-86-4	Toxic
Ethyl acetate 141-78-6	Toxic Ignitable
Isopropyl alcohol 67-63-0	Toxic Ignitable

Federal, State and local laws governing disposal of materials can differ.
Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information

DOT

Proper Shipping Name	Consumer Commodity
Hazard Class	ORM-D
Description	Consumer Commodity-ORM-D

IATA

UN-No.	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Description	UN1263, Paint, 3, II

TDG

UN-No.	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Description	UN1263, Paint, 3, II

ICAO

UN-No.	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Description	UN1263, Paint, 3, II

IMDG/IMO

UN-No.	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
EmS-No.	F-E, S-E
Description	UN1263, Paint, 3, II (21^{o}C C.C)

MEX

UN-No.	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Description	UN1263, Paint, 3, II

RID

UN-No.	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Classification code	F1
Description	UN1263, Paint, 3, II

ADR

UN-No.	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Classification code	F1
Tunnel restriction code	(D/E)
Description	UN1263, Paint, 3, II

ADN

UN-No.	UN1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Classification code	F1
Special Provisions	163, 640C, 650
Description	UN1263, Paint, 3, II
Limited Quantity	5 L
Ventilation	VE01

Section 15: Regulatory Information

International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.
TSCA -	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL -	Canadian Domestic Substances List/Non-Domestic Substances List

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 %
Isopropyl alcohol	67-63-0	1 - 5	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

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
Butyl acetate 123-86-4	5000 lb			X

CERCLA

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 Substances RQs	RQ
Butyl acetate 123-86-4	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Ethyl acetate 141-78-6	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

California Proposition 65

In its current delivery form, this product contains no chemicals that are required to be listed under Proposition 65.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island
Butyl acetate 123-86-4	X	X	X	X
Ethyl acetate 141-78-6	X	X	X	X
Isopropyl alcohol 67-63-0	X	X	X	X
n-Butyl alcohol 71-36-3	X	X	X	X

International Regulations

Mexico: National Occupational Exposure Limits

Component	Carcinogen Status	Exposure Limits
Butyl acetate 123-86-4 (15 - 40)		TWA 150 ppm TWA 710 mg/m3 STEL 200 ppm STEL 950 mg/m3
Ethyl acetate 141-78-6 (10 - 30)		TWA= 400 ppm TWA= 1400 mg/m3
Isopropyl alcohol 67-63-0 (1 - 5)		TWA 400 ppm TWA 980 mg/m3 STEL 500 ppm STEL 1225 mg/m3
Triphenyl phosphate 115-86-6 (0.1 - 1)		TWA 3 mg/m3 STEL 6 mg/m3
Titanium dioxide 13463-67-7 (0.1 - 1)		TWA= 10 mg/m3 STEL= 20 mg/m3

Mexico - Occupational Exposure Limits - Carcinogens

Canada: WHMIS Hazard Class Not determined

SDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

Section 16: Other Information
Label Information: See section 2
European Risk and Safety Phrases: ND
European symbols needed: ND
Canadian WHMIS Symbols: ND

Abbreviations used in this document
NE= Not established
NA= Not applicable
NIF= No Information Found
ND= No Data

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