

Issue Date: 01/06/2023
Last Revision Date: 16/06/2023
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: GLVINDLXY

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SECTION 1 PRODUCT IDENTIFICATION

NATURAL LATEX

Product Name	
LR 300	Safeplus excelsafe freezer/working gloves yellow
LR 700	Latex Chemical Dispersion
LATZ	Colloidal suspension of cis-polyisoprene in natural rubber serum preserved with ≈ 0.2 % of ammonia and lauric acid + TMTD + ZnO
HA	Colloidal suspension of cis-polyisoprene in natural rubber serum preserved with ≈ 0.7 % of ammonia and lauric acid

SECTION 2 HAZARD IDENTIFICATION

Natural rubber latex has been used commercially for about 50 years, with no indication of any health hazard from the raw material provided that normal handling precautions are taken. However it may cause skin irritation and sensitization on prolonged exposure. Eye irritation and irritation of upper respiratory tract if ammonia is excessively inhaled.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Natural rubber latex as sold commercially is a colloidal dispersion of natural rubber particles in water. It is concentrated so that the proportion of rubber is normally 60 %. For LR 300 its contain about 58 -60 % natural polyisoprene, 38- 40 % of water, 0.2 - 0.6 % of ammonia and 0.1- 0.5 % of KOH. For LR 700 its contain about 43.00 + 3.00 % of LR 300 and 57.00 + 3.00 % of water and stabilizers. For LA-preserved natural rubber latex concentrate it contains colloidal suspension of cis- polyisoprene in natural rubber serum preserved with 0.2 % of ammonia and lauric acid mixed with TMTD and ZnO. For HA-preserved natural rubber latex concentrate it contains colloidal suspension of cispolyisoprene in natural rubber serum preserved with 0.7 % of ammonia

SECTION 4 FIRST AID MEASURES

Unnecessary or prolonged contact of latex with the skin should be avoided; use of gloves and overalls are advisable for those handling latex regularly. Skin contact may course irritation, and splashes' should therefore be washed off before they dried. Splashes in the eyes should be treated immediately by washing with clean water.

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SECTION 5 FIRE FIGHTING MEASURES

Natural rubber latex, being water dispersion, cannot be ignited. Therefore latex is not a fire hazard, although latex which has been spilt and allowed to dry out completely will behave similarly to raw natural rubber, which burns at high temperatures and which then to be put out with powder or foam fire extinguisher.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Leak/Spill : Soak up with absorbent material and burn in incinerator

SECTION 7 HANDLING AND STORAGE

A good ventilated storage and handling in warehouse and well protected against fire.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Permissible Exposure limits (PEL) : 25 ppm of Ammonia in air (8hr). Working areas should be well ventilated to avoid undue concentration of ammonia in the air. Care should be taken to avoid excessive exposure to ammonia when opening drums of latex, bearing in mind that pressure may have built up during shipment, similar care should be taken when cleaning vessels and equipment used for latex. Unnecessary or prolonged contact of latex with the skin should be avoided; use of gloves and overalls are advisable for those handling latex regularly. Natural rubber latex should not be swallowed, and inhalation or spray should be avoided.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

	LR 300	LR 700	LA and HA Preserved
Appearance	Suspension	Dispersion	Suspension
Color	White	White	White
Odor	Ammonia, pungent odor	Mild	Ammonia, pungent odor
Solubility	N/A	Dispensible in water	N/A
Boiling Point	N/A	100 °C	N/A
Melting Point	N/A	N/A	N/A
Vapor Pressure	N/A	N/A	N/A
Evaporate Rate	Similar to water	Similar to water	Similar to water
Vapor Density	Approx. equal to water	Approx. equal to water	Approx. equal to water
Specific Gravity	0.95 (20 °C)	1.20 (25 °C)	0.95 (20 °C)
Bulk Density	0.95g/cc	0.95g/cc	0.95g/cc
pH	Approx. 11	>8	Approx. 11
Flash Point	N/A	N/A	N/A

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SECTION 10 STABILITY AND REACTIVITY

	LR 300	LR 700	LA and HA Preserved
Stability	Stable	Stable	Stable
Condition to avoid	Exposure in poor ventilation room	Avoid strong acids and oxidizing agents	Exposure in poor ventilation room
Hazardous Polymerization	Will not occur	Will not occur	Will not occur
Materials to avoid	N/A	N/A	N/A
Hazardous decomposition products	Dry rubber when ignited will give off toxic fumes and smoke	Toxic fumes might be formed when burnt	Dry rubber when ignited will give off toxic fumes and smoke

SECTION 11 TOXICOLOGICAL INFORMATION

Hazard decomposition products : Dried coagulated latex when ignited will give off toxic fumes and smoke.

SECTION 12 ECOLOGICAL INFORMATION

May cause skin irritation and sensitization on prolonged exposure. Eye irritation and irritation of upper respiratory tract if ammonia is excessively inhaled.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal method: Must be dumped or incinerated in accordance with current national environmental laws or regulations.

SECTION 14 TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

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SECTION 15 REGULATORY INFORMATION

N/A

SECTION 16 OTHER INFORMATION

N/A

END OF SDS