

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

SECTION 1. IDENTIFICATION

Product name : PLATINSTAR G2 GX-2620 SILVER
Product code : 046134CLO

Manufacturer or supplier's details

Company name of supplier : ECKART America Corporation
Address : 830 East Erie Street
Painesville OH 44077
Telephone : 866-458-7837
(440) 954-7600
Telefax : (440) 354-6224
e-mail adresse : info.eckart.america.oh@altana.com
Emergency telephone : **CHEMTREC:** 800-424-9300
CHEMTREC: 1-703-527-3387 (International)

NCEC:

(contract no. ECKART29003-NCEC)

US: +1 866 928 0789 (Toll free)

Canada: +1 800 579 7421 (Toll Free)

Mexico: +52 55 5004 8763

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Flammable liquids : Category 2
Eye irritation : Category 2A
Specific target organ toxicity : Category 3 (Central nervous system)
- single exposure

GHS label elements

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Precautionary Statements

:

Prevention:

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 mist or vapors.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P303 + P361 + P533 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor 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. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous ingredients which must be listed on the label:

2-Propanol, 1-methoxy-
2-Propanol
1-Propanol

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Acetic acid, propyl ester

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous ingredients**

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol	64-17-5	$\geq 30 - < 50$
2-Propanol, 1-methoxy-	107-98-2	$\geq 30 - < 50$
Aluminum	7429-90-5	$\geq 10 - < 20$
2-Propanol	67-63-0	$\geq 5 - < 10$
1-Propanol	71-23-8	$\geq 1 - < 5$
Acetic acid, propyl ester	109-60-4	$\geq 1 - < 5$

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	: Move out of dangerous area. Show this material safety data sheet to the doctor in attendance.
If inhaled	: Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice.
In case of skin contact	: If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact	: Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	: Causes serious eye irritation. May cause drowsiness or dizziness. Causes serious eye irritation. May cause drowsiness or dizziness.

SECTION 5. FIRE-FIGHTING MEASURES

Specific hazards during fire fighting	: Do not allow run-off from fire fighting to enter drains or water courses.
---------------------------------------	---

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.
Special protective equipment for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
General advice	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Do not flush with water.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.
Advice on safe handling	:	Avoid formation of aerosol. Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use.

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Avoid contact with skin and eyes.
 For personal protection see section 8.
 Smoking, eating and drinking should be prohibited in the application area.
 Take precautionary measures against static discharges.
 Provide sufficient air exchange and/or exhaust in work rooms.
 Open drum carefully as content may be under pressure.
 Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : No smoking.
 Keep container tightly closed in a dry and well-ventilated place.
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.
 Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm 1,900 mg/m ³	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m ³	OSHA Z-1
		TWA	1,000 ppm 1,900 mg/m ³	OSHA P0
		STEL	1,000 ppm	ACGIH
2-Propanol, 1-methoxy-	107-98-2	TWA	50 ppm	ACGIH
		STEL	100 ppm	ACGIH
		ST	150 ppm 540 mg/m ³	NIOSH REL
		TWA	100 ppm 360 mg/m ³	NIOSH REL
		TWA	100 ppm 360 mg/m ³	OSHA P0
		STEL	150 ppm 540 mg/m ³	OSHA P0

SAFETY DATA SHEET



PLATINSTAR G2 GX-2620 SILVER

Version 2.2 Revision Date: 04/01/2025 SDS Number: 102000033120 Date of last issue: 09/04/2024
 Date of first issue: 07/29/2020

Aluminum	7429-90-5	TWA (total dust)	50 Million particles per cubic foot	OSHA Z-3
		TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-3
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (respirable fraction)	5 mg/m3	OSHA Z-3
		TWA (respirable fraction)	15 Million particles per cubic foot	OSHA Z-3
		TWA (Respirable particulate matter)	1 mg/m3	ACGIH
		TWA	5 mg/m3 (Aluminum)	NIOSH REL
		TWA (Total)	15 mg/m3 (Aluminum)	OSHA P0
		TWA (Respirable fraction)	5 mg/m3 (Aluminum)	OSHA P0
		TWA (total dust)	15 mg/m3 (Aluminum)	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3 (Aluminum)	OSHA Z-1
		TWA (Total dust)	15 mg/m3 (Aluminum)	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3 (Aluminum)	OSHA P0
		TWA (welding fumes)	5 mg/m3 (Aluminum)	NIOSH REL
		TWA (pyro powders)	5 mg/m3 (Aluminum)	NIOSH REL
		TWA (Respirable particulate matter)	1 mg/m3 (Aluminum)	ACGIH
		TWA	5 mg/m3	OSHA P0

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

		(Fumes)		
		TWA	5 mg/m ³	OSHA P0
		(powder)	(Aluminum)	
2-Propanol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm	NIOSH REL
			980 mg/m ³	
		ST	500 ppm	NIOSH REL
			1,225 mg/m ³	
		TWA	400 ppm	OSHA Z-1
			980 mg/m ³	
		TWA	400 ppm	OSHA P0
			980 mg/m ³	
		STEL	500 ppm	OSHA P0
			1,225 mg/m ³	
1-Propanol	71-23-8	TWA	100 ppm	ACGIH
		TWA	200 ppm	NIOSH REL
			500 mg/m ³	
		ST	250 ppm	NIOSH REL
			625 mg/m ³	
		TWA	200 ppm	OSHA Z-1
			500 mg/m ³	
		STEL	250 ppm	OSHA P0
			625 mg/m ³	
		TWA	200 ppm	OSHA P0
			500 mg/m ³	
Acetic acid, propyl ester	109-60-4	TWA	200 ppm	NIOSH REL
			840 mg/m ³	
		ST	250 ppm	NIOSH REL
			1,050 mg/m ³	
		TWA	200 ppm	OSHA Z-1
			840 mg/m ³	
		TWA	200 ppm	OSHA P0
			840 mg/m ³	
		STEL	250 ppm	OSHA P0
			1,050 mg/m ³	
		TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
2-Propanol	67-63-0	Acetone	Urine	End of	40 mg/l	ACGIH

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

				shift at end of workweek		BEI
--	--	--	--	--------------------------------	--	-----

Personal protective equipment

Respiratory protection : In the case of vapor formation use a respirator with an approved filter.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : silver

Odor : solvent

Odor Threshold : No data available

pH : substance/mixture is non-soluble (in water)

Melting point/ range : Not applicable

Boiling point/boiling range : 78 °C

Flash point : 13 °C

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : No data available

Relative density : No data available

Density : 0.90 - 1.0 g/cm³

Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-octanol/water : No data available

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Total Volatile organic compounds (VOC) content	: 80.00 - 90.00 %

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: Stable under recommended storage conditions. Vapors may form explosive mixture with air.
Conditions to avoid	: Heat, flames and sparks.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.
Not classified due to lack of data.

Components:**Ethanol:**

Acute oral toxicity	: LD50 (Rat, male and female): 10,470 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	: LC50 (Rat, male and female): 124.7 mg/l Exposure time: 4 h Test atmosphere: vapor Method: OECD Test Guideline 403

2-Propanol:

Acute oral toxicity	: LD50 (Rat): > 2,000 mg/kg
Acute dermal toxicity	: LD50 (Rabbit): > 2,000 mg/kg

Acetic acid, propyl ester:

Acute oral toxicity	: (Mouse): 8,300 mg/kg (Rat): 9,370 mg/kg
Acute dermal toxicity	: (Rat): 17,760 mg/kg

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Skin corrosion/irritation

Not classified based on available information.
Not classified due to lack of data.

Components:**Ethanol:**

Result: No skin irritation
Remarks: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Causes serious eye irritation.
Causes serious eye irritation.

Components:**Ethanol:**

Result: Eye irritation
Remarks: Based on available data, the classification criteria are not met.

2-Propanol:

Result: Eye irritation

1-Propanol:

Result: Irreversible effects on the eye

Acetic acid, propyl ester:

Result: Eye irritation

Respiratory or skin sensitization**Skin sensitization**

Not classified based on available information.

Skin sensitization

Not classified due to lack of data.

Respiratory sensitization

Not classified based on available information.

Respiratory sensitization

Not classified due to lack of data.

Germ cell mutagenicity

Not classified based on available information.

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Not classified due to lack of data.

Carcinogenicity

Not classified based on available information.

Not classified due to lack of data.

IARC

Group 1: Carcinogenic to humans

Ethanol

64-17-5

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

Not classified due to lack of data.

STOT-single exposure

May cause drowsiness or dizziness.

May cause drowsiness or dizziness.

Components:**2-Propanol, 1-methoxy-:**

Assessment: May cause drowsiness or dizziness.

2-Propanol:

Assessment: May cause drowsiness or dizziness.

1-Propanol:

Assessment: May cause drowsiness or dizziness.

Acetic acid, propyl ester:

Assessment: May cause drowsiness or dizziness.

STOT-repeated exposure

Not classified based on available information.

Not classified due to lack of data.

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Aspiration toxicity

Not classified based on available information.
Not classified due to lack of data.

Further information

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues	:	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. In accordance with local and national regulations.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum. In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION**Domestic regulation****49 CFR**

UN/ID/NA number	:	UN 1210
Proper shipping name	:	Printing ink
Class	:	3
Packing group	:	II
Labels	:	FLAMMABLE LIQUID
ERG Code	:	129
Marine pollutant	:	no

International Regulations

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

IATA-DGR

UN/ID No.	: UN 1210
Proper shipping name	: Printing ink
Class	: 3
Packing group	: II
Labels	: Flammable Liquids
Packing instruction (cargo aircraft)	: 364
Packing instruction (passenger aircraft)	: 353

IMDG-Code

UN number	: UN 1210
Proper shipping name	: PRINTING INK
Class	: 3
Packing group	: II
Labels	: 3
EmS Code	: F-E, S-D
Marine pollutant	: no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know****CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)
2,5-Furandione	108-31-6	5000

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Flammable (gases, aerosols, liquids, or solids)
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Aluminum	7429-90-5	>= 10 - < 20 %
2-Propanol	67-63-0	>= 5 - < 10 %

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM1 Intermediate or Final VOC's (40 CFR 60.489):

Ethanol	64-17-5	>= 30 - < 50 %
2-Propanol, 1-methoxy-	107-98-2	>= 30 - < 50 %
2-Propanol	67-63-0	>= 5 - < 10 %
1-Propanol	71-23-8	>= 1 - < 5 %
Acetic acid, propyl ester	109-60-4	>= 1 - < 5 %

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

2,5-Furandione	108-31-6	%
----------------	----------	---

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

2,5-Furandione	108-31-6	%
----------------	----------	---

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations**Massachusetts Right To Know**

Ethanol	64-17-5
2-Propanol, 1-methoxy-	107-98-2
Aluminum	7429-90-5
2-Propanol	67-63-0
1-Propanol	71-23-8

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

Acetic acid, propyl ester	109-60-4
---------------------------	----------

Pennsylvania Right To Know

Ethanol	64-17-5
2-Propanol, 1-methoxy-	107-98-2
Aluminum	7429-90-5
2-Propanol	67-63-0
1-Propanol	71-23-8
Acetic acid, propyl ester	109-60-4

California Prop. 65

WARNING: This product can expose you to chemicals including lead and cadmium, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



WARNING: This product can expose you to chemicals including Ethanol, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California List of Hazardous Substances

Ethanol	64-17-5
2-Propanol, 1-methoxy-	107-98-2
Aluminum	7429-90-5
2-Propanol	67-63-0
1-Propanol	71-23-8
Acetic acid, propyl ester	109-60-4

California Permissible Exposure Limits for Chemical Contaminants

Ethanol	64-17-5
---------	---------

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

2-Propanol, 1-methoxy-	107-98-2
Aluminum	7429-90-5
2-Propanol	67-63-0
1-Propanol	71-23-8
Acetic acid, propyl ester	109-60-4

The ingredients of this product are reported in the following inventories:

DSL : This product contains one or several components that are not on the Canadian DSL nor NDSL., This product contains one or several components listed in the Canadian NDSL.

TSCA : All substances listed as active on the TSCA inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION**Full text of other abbreviations**

ACGIH	: USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI	: ACGIH - Biological Exposure Indices (BEI)
NIOSH REL	: USA. NIOSH Recommended Exposure Limits
OSHA P0	: USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA Z-3	: USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA	: 8-hour, time-weighted average
ACGIH / STEL	: Short-term exposure limit
NIOSH REL / TWA	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST	: STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA	: 8-hour time weighted average

PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

OSHA P0 / STEL : Short-term exposure limit
OSHA Z-1 / TWA : 8-hour time weighted average
OSHA Z-3 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 04/01/2025

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SAFETY DATA SHEET



PLATINSTAR G2 GX-2620 SILVER

Version	Revision Date:	SDS Number:	Date of last issue: 09/04/2024
2.2	04/01/2025	102000033120	Date of first issue: 07/29/2020

US / Z8