



SAFETY DATA SHEET

SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tri-Plex Technical Services

655 Solutions Drive

Freeburg, IL 62243. USA.

Phone 618-539-5843

Issue date: 12/5/16

Product Name: **Tri-Plex Go Clean Green Guard Concentrate Ready to Use**

No Dye / Fragrance added.

Emergency phone number: Info Trac 1-800-535-5053

SECTION 2 –HAZARD IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Eye Irritation 2a

Label elements

Hazard Symbols



Signal Word(s)

Warning

Hazard Statement(s)

Causes serious eye irritation

Precautionary Statements:

Wash hands and exposed skin after use.

Wear protective gloves/protective clothing/eye protection/face protection

Other Hazards

Not classified as PBT or vPvB.

Additional Information

None

SECTION 3 –COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredients	CAS No.	% by weight
Water	7732-18-5	*
Polymer	Proprietary	*
1,2-Benzisothiazolin-3-one	2634-33-5	**
2-methyl-4-isothiazolin-3-one	2682-20-4	**

* with held as trade secret

SECTION 4 – FIRST AID MEASURES



Description of First aid procedures:

Inhalation	Not normally required. Treat symptomatically.
Skin Contact	Not normally required. Wash affected skin area with plenty of water. If irritation (redness, rash, blistering) develops, get medical attention.
Eye Contact	Remove any contact lenses. Rinse immediately with plenty of water for at least 15 minutes. If symptoms develop, obtain medical attention.
Ingestion	Call a physician (or poison control center immediately). Do not give anything by mouth to an unconscious person. Never give anything by mouth to an unconscious person.

SECTION 5– FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media	Non-combustible. As appropriate for surrounding fire
- Unsuitable Extinguishing Media	None anticipated

Special hazards arising from the substance or mixture Combustion or thermal decomposition will evolve toxic irritant vapors

Advice for fire fighters Fire fighters should wear complete protective clothing including self-contained breathing apparatus

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Avoid skin contact. Do not get in eyes

Environmental precautions Contain spillages with sand, earth or any suitable absorbent material. Do not allow to enter drains, sewers or watercourses.

Methods and material for containment and cleaning up Contain spillages with sand, earth or any suitable absorbent material. Transfer to container for disposal or recovery. Wash the spillage area with water. If possible, prevent water running into sewers.

Reference to other sections None

Additional Information None

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling Avoid skin contact. Do not get in eyes

Conditions for safe storage, including any incompatibilities

- Storage temperature Store at temperatures not exceeding 50 C or 122 F
- Incompatible materials Concentrated bases

Specific end use(s) Car Care Product

SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

		LTEL	LTEL	STEL	STEL	
Substance	CAS No.	PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	Note:
None	-----	-----	-----	-----	-----	-----

Exposure Controls

Appropriate engineering controls

Not normally required

Personal Protection Equipment

The following to be used as necessary:

Eye/face protection

Safety glasses with side-shields



Skin protection (Hand/other)

Gloves (PVC, Neoprene or Natural rubber).



Respiratory protection

Not normally required



Thermal hazards

Not normally required

Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Color	Almost colorless to pale yellow
Odor	Slight
Odor Threshold (ppm)	Not available
pH (Value)	4.0 -4.5
Melting Point/Freezing Point (C)	Not available
Boiling Point/boiling range (C)	Not available

Flash Point (C)	Non-combustible
Evaporation Rate	Not available
Flammability	Not applicable
Explosive Limit Ranges	Not applicable
Vapour pressure (Pascal)	Similar to Water
Vapour Density (Air = 1)	Similar to Water
Density (g/ml)	ca. 1.08
Solubility (Water)	Emulsifies
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (C)	Not applicable
Decomposition Temperature	Not available
Kinematic Viscosity (cSt) @ 40C	Not available/ Not applicable
Explosive properties	Not explosive
Oxidizing properties	Not oxidizing

Other Information Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity Stable under normal conditions
Chemical Stability Stable
Possibility of hazardous reactions None anticipated
Conditions to avoid Incompatible materials
Incompatible materials Concentrated bases
Hazardous decomposition product(s) Low molecular weight organic compounds; oxides of carbon, smoke of unknown toxicity

SECTION 11 - TOXOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact

Information on toxicological effects

Polymers (CAS#, Trade Secret) – By analogy with similar materials:

Acute toxicity	Oral: LD50>5000 mg/kg (rat)
Irritation/Corrosivity	Unlikely to cause skin irritation, Causes serious eye irritation
Sensitization	It is not a skin sensitizer
Repeated dose toxicity	None anticipated
Mutagenicity	There is no evidence of mutagenic potential
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man

NTP	IARC	ACGIH	OSHA
No	No	No	No

Developmental Toxicity	None anticipated
Toxicity for reproduction	None anticipated
Other Information	None known

SECTION 12 ECOLOGICAL INFORMATION

Substances in preparations/mixtures:

Polymer (Cas # Trade Secret) – By analogy with similar materials:

Acute toxicity LC50 (96 hours): > 100mg/l (fish)
 EC50 (48 hours): > 100mg/l (Aquatic invertebrates)
 EC50 (72 hours): > 100mg/l (Algae)

Long term toxicity: Not available.

Persistence and Biodegradable: The product is unlikely to persist in the environment.

Bioaccumulation: The product has low potential for Bioaccumulation.

Mobility in soil: The product has low mobility in soil.

Results of PBT and vPvB assessment: Not Classified as PBT or vPvB.

Other adverse effects: None known

SECTION 13 - DISPOSAL INFORMATION

Waste treatment methods Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information None known

SECTION 14 - TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name			
Transport hazard class(es)			
Packing group			Not classified as dangerous for transport
Environmental hazards			
Special precautions for user			

Transport in bulk accordance to AnnexII of MARPOL73/78 and IBC Code: Not applicable

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) – Inventory status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4)

Chemical Name	CAS NO	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 – Hazardous Categories: None

SARA 313 – Toxic Chemicals (40CFR 372)

Chemical Name	CAS #	Typical % wt.
NONE	-----	-----

SARA 302 – Extremely Hazardous Substances (40 CFR 355)

Chemical Name	CAS No.	Typical % wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California)

Chemical Name	CAS No.	Typical % wt.	Hazards
None	-----	-----	-----

SECTION 16 - OTHER INFORMATION

Date of Preparation: 11/21/2017

Hazard Statement(s) Listed in: SECTION 3

None

Training Advice: None

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. To the best of our knowledge information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.