

CORROSION PROTECTION & SOLUTIONS LLC

Safety Data Sheet

Steel Curtain (Bulk)

1 Identification

Product identifier

Trade name: Steel Curtain (Bulk)

Product Number: 1001

Application of the substance / the mixture: Rust Preventative

Details of the supplier of the safety data sheet

Manufacturer/Supplier

Corrosion Protection & Solutions LLC DBA Lektro-tech

2300 S. Dock Street, 102

Palmetto, FL 34221

www.lektrotech.com

Emergency telephone number: CHEMTEL INC

Within the USA and Canada: 1-800-255-3924

Outside the USA and International: +01-813-248-0585

2 Hazard(s) identification

Classification of the substance or mixture



GHS07

May be harmful if swallowed

May be a (eye/skin irritant)

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS07

Signal word Warning

Human Health: When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Hazard-determining components of labeling:

tannic acid

phosphoric acid

Hazard statements

DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD!

Harmful if swallowed

May cause eye/skin irritation

Eye Contact: Rinse open eye for several minutes under running water, if irritation persist consult a doctor.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0-4)



Health = 1

Fire = 0

Reactivity = 0

HMIS ratings (scale 0-4)



Health = 1

Fire = 0

Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/Information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions

Trade secret information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Tannic acid

< 14%

Phosphoric acid

< 2%

Dangerous components		
Confidential		
7664-38-2	Trade secret	

4 First-aid measures**Description of first aid measures**

General information:

After ingestion, drink plenty of water, consult physician if irritation persists

After skin contact: Generally the product does not irritate the skin, rinse with soap and water.

After eye contact: Rinse opened eye for several minutes under running water.

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Information for doctor:

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5 Fire-fighting measures**Extinguishing media**

Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters

Flammability of the Product: Non-flammable

Auto-Ignition Temperature: Not applicable

Flash Points: Not applicable

Flammable Limits: Not applicable

Products of Combustion: Not available

Fire Fighting Media and Instructions:

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

No special measures needed for handling. Observe rules already in place for handling materials in the workplace.

Conditions for safe storage, including any incompatibilities

Storage:

No special measures needed for storage: Store as per procedures already set up in the workplace.

Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace	
ACGIH	None Listed
NIOSH	None Listed
Osha – Final PELs	None Listed

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

Eye wear and gloves suggested

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Breathing equipment:

Not applicable

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.

9 Physical and chemical properties

Information on basic physical and chemical properties

Form:	Liquid
Color:	Tan
Odor:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	Not applicable
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapor pressure	Not determined
Density at 20 °C (68 °F):	8.51 Lbs per gallon
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with water	Not applicable
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined
Kinematic:	Not determined
Other information	No further relevant information available.

10 Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: None

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known

11 Toxicological information

Information on toxicological effects

When used and handled according to specifications, the product does not have any harmful effects to our experiences and the information provided.

Additional toxicological information:

Primary irritant effect:

on the skin: Minor to no irritant effect.

on the eye: Minor to no irritating effect.

Sensitization: No sensitizing effects known.

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Carcinogenic categories

IARC (International Agency for Research on Cancer)	None of the ingredients is listed.
NTP (National Toxicology Program)	None of the ingredients is listed.
OSHA-Ca (Occupational Safety & Health Administration)	None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

I No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Not harmful to fish

Additional ecological information:

General notes: Not harmful to aquatic organisms

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available

13 Disposal considerations

Waste treatment methods

Recommendation:

Must be disposed together with household garbage.

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number

DOT, ADR, ADN, IMDG, IATA	Not regulated
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UN proper shipping name

DOT, ADR, ADN, IMDG, IATA	Not regulated
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Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA	Not regulated
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Packing group

DOT, ADR, IMDG, IATA	Not regulated
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Environmental hazards:

Marine pollutant	No
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Special precautions for user:	Not applicable
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Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
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UN "Model Regulation"	Not applicable
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15 Regulatory information

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

Section 355 (extremely hazardous substances):	None of the ingredients is listed
Section 313 (Specific toxic chemical listings):	None of the ingredients is listed
TSCA (Toxic Substances Control Act):	All ingredients are listed

Proposition 65

Chemicals known to cause cancer	None of the ingredients is listed
Chemicals known to cause reproductive toxicity for females:	None of the ingredients is listed
Chemicals known to cause reproductive toxicity for males:	None of the ingredients is listed
Chemicals known to cause developmental toxicity:	None of the ingredients is listed

Carcinogenic categories:


EPA (Environmental Protection Agency)

TLV (Threshold Limit Value established by ACGIH)	None of the ingredients is listed
NIOSH-Ca (National Institute for Occupational Safety and Health)	None of the ingredients is listed

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS07

Signal word Warning

Hazard-determining components of labeling:

Phosphoric Acid

Hazard statements

Harmful if swallowed

May cause an allergic skin reaction

If swallowed: Call a poison center/doctor if you feel unwell.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Chemical safety assessment:A Chemical Safety Assessment has not been carried out.**16 Other information**

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