



SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product Identifier
- **Product Name:** Kleer Seal Pro
 - **Product Code:** VMCKSP
 - **Product Use:** Floor Cleaner
 - **Manufacturer:** Mar-Tek Industries
 - **Address:** 301 Industrial Drive, Forney Texas 75126
 - **Phone:** (214) 350-9401
 - **Emergency Telephone No.:** ChemTel Inc. (800) 255-3924 and +1(813) 248-0585

SECTION 2: Hazards Identification

- 2.1 Classification of substance or mixtures:
- **Classification according to regulation (EC) No. 1272/2008**
The following classifications are applicable only to OSHA (USA) regulations and not specific CLP regulation: H227
H227: Combustible Liquid. (General GHS and USA only)
This product is not classified as hazardous according to the CLP regulation.
 - **Classification according to Directive 65/548/EEC or Directive 1999/EC:** Not applicable.
 - **Information concerning particular hazards for human and environment:**
The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 - **Classification system:**
The classification is according to the latest editions of the EU-Lists, and extended by company and literature data.
The classification is in accordance with the latest editions of international substances lists, and is supplemented by information and technical literature and by information provided by the company.
- 2.2 Label elements
- Labeling according to Regulation (EC) No 1272/2008**
The following Hazard Statements are applicable only according to OSHA regulations within the United States. These statements are not applicable for the CLP regulation (1272/2008/EC) in the EU. H227
H227: Combustible Liquid. (General GHS and USA only)
- **Hazard pictograms** Not regulated
 - **Signal Word** WARNING
Not applicable within EU; applicable only for North America
 - **Hazard-determining components of labeling** None
 - **Hazard statements** H227: combustible liquid. (General GHS and USA only)
 - **Precautionary Statements**
Applicable within United States (USA)
P210: Keep away from heat/sparks/open flames/hot surfaces- No smoking
P280: Wear protective gloves/eye protection.
P370+P378: In case of fire: Use foam, powder, or carbon dioxide for extinction.
P403+235: Store in a well-ventilated place. Keep cool.
P501: Dispose contents/container in accordance with/local/regional/national/international regulations.
 - **Additional information:** Safety data sheet available on request
 - **Hazard description**

WHMIS symbols: B3 – Combustible liquid



• **Classification system:**

NFPA rating (scale 0-4)

HMIS rating (scale 0-4)

- 1 Slight hazard
- 2 Moderate hazard
- 3 Serious hazard
- 4 Severe hazard



- **HMIS Long term health hazard substances:** None of the ingredients is listed
- 2.3 **Other Hazards**
- **Results of PBT and vPvB assessment**
 - PBT Not applicable
 - vPvB Not applicable

SECTION 3: Composition/Information on Ingredients

- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** None in reportable quantities.
- **Additional information:** For the wording of the listed risk phrase refer to section 16 phrases.

SECTION 4: First aid measure

- **Descriptions of first aid measures:**
- **General Information:** Take affected persons out into the fresh air.
 - If on eyes:** Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 - If on skin (or hair):** Immediate wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
 - If swallowed:** Rinse out mouth and drink plenty of water. Do not induce vomiting. Immediately call for help.
 - If inhaled:** Supply fresh air; consult doctor in case of complaint.
- 4.2 **Most important symptoms and effects, both acute and delayed**
 - Nausea
 - Gastric or intestinal disorders.
 - Slight irritant effect on eyes.
 - Slight irritant effect on skin and mucous membrane.
- 4.3 **Hazards:** No further relevant information available
- 4.4 **Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

SECTION 5: Fire-fighting measures

- 5.1 **Extinguishing media**
 - **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
 - Water haze or fog
 - Foam
 - Alcohol resistant foam
 - Fire-extinguishing powder

- Carbon dioxide
- **For safety reasons unsuitable extinguishing agents:** Water with full jet.
- 5.2 **Special hazards arising from the substance or mixture:** Formation of toxic gases is possible during heating or in case of fire
- 5.3 **Advice for firefighters**
 - **Protective equipment:** Wear self-contained respiratory protective device. Wear fully protective suit.
- 5.4 **Additional information:** Cool endangered receptacles with water fog or haze.

SECTION 6: Accidental release measures

- 6.1 **Personal precaution, protective equipment and emergency procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol.
Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
Protect from heat.
- 6.2 **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- 6.3 **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Pick up mechanically.
Send for recovery disposal in suitable receptacle.
Dispose contaminated material as waste according to item 13.

 - **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.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling:**

Store in a cool place in tightly closed receptacle.
Use only in a well-ventilated areas.

 - **Information about protection against explosions and fires:**

Keep ignition sources away- Do not smoke.
Flammable gas-air mixtures may form in empty receptacles.
- 7.2 **Condition for safe storage, including any incompatibilities**

Storage requirements to be met by storerooms and receptacles:
Avoid storage near-extreme heat, ignition sources or open flame.

 - **Information about storage in one common storage facility:**

Store away from foodstuffs.
Do not store with oxidizing agent.
 - **Further information about storage conditions:**

Keep the containers tightly sealed.
- 7.3 **Specific end use (s):** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 **Additional information about design of technical system:** No further data; see item 7.
- 8.2 **Control parameters: Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

 - DNELs No further relevant information available.
 - PNECs No further relevant information available.
- 8.3 **Additional information:** The lists that were valid during the creation were used as basis.
- 8.4 **Exposure controls**
 - **Personal protective equipment:**

- **General protective and hygienic measures:**
Keep away from foodstuff, beverages and feed.
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuff, beverages and feed.
The usual precautionary measures for handling chemicals should be followed:
Wash hands before breaks and at the end of work.
Do not inhale gases/fumes/aerosols.
Avoid close or long-term contact with the skin.
Avoid contact with the eyes.
- **Respiratory protection:**
Not required under normal condition of use.
Use suitable respiratory protective device in case of insufficient ventilation.
For spills, respiratory protection may be advisable.
- **Protection of hands:**



Protective gloves

Wear protective gloves to handle contents of damage or leaking units.
The glove material has to be impermeable and resistant to the product/the substance/the preparation.
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 cannot 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**



Safety glasses

- **Body protection:** Protective work clothing.
- **Limitation and supervision of exposure into the environment:** No special requirements.
- **Risk management measures:** No special requirements.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **General information**
- **Appearance**
Form: Liquid
Color: Clear
- **Odor:** Odorless
- **Odor threshold:** Not determined
- **pH value at 20 °C (68 °F):** Not determined
- **Change in condition**
Melting point/Melting range: Not determined
Boiling point/Boiling range: Undetermined
- **Flash point:** 144 °F / 62 °C
- **Flammability (solid, gaseous):** Not applicable
- **Auto-ignition temperature:** Not determined
- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**
 - Lower: Not determined
 - Upper: Not determined
- **Vapor pressure:** Not determined
- **Density at 20 °C (68 °F):** Not determined
- **Relative density:** Not determined
- **Vapour density:** Not determined
- **Evaporation rate:** Not determined
- **Solubility in/**
 - Miscibility with water: Not miscible or difficult to mix
- **Partition coefficient (n-octanol/water):** Not determined
- **Viscosity:**
 - Dynamic: Not determined
 - Kinematic: Not determined
- **Other information:** No further relevant information available

SECTION 10: Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition/conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions:**
Reacts with strong acids and oxidizing agents.
React with strong alkali.
- **Condition to avoid:** Store away from oxidizing agents.
Keep ignition sources-Do not smoke.
Keep away from heat and direct sunlight.
- **Incompatible materials:** No further relevant information.
- **Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Fluorinated hydrocarbon.

SECTION 11: Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
 - Primary irritant effect:**
 - On skin:** Slight irritant effect on skin and mucous membranes
 - On the eye:** Slight irritant effect on eyes.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU. Classification Guidelines for Preparation as issued in the latest version.
When used and handled according to the specifications, the product does not have any harmful effects to our experience and information provided to us.
- **Repeated Dose Toxicity:** Repeated exposure may cause skin dryness and cracking.

SECTION 12: Ecological information

- 12.1 **Toxicity**
 - **Aquatic toxicity:** No further relevant information available.
- 12.2 **Persistence and degradability:** No further relevant information available.
- 12.3 **Bioaccumulative potential:** No further relevant information available.
- 12.4 **Mobility in soil:** No further relevant information available.
- 12.5 **Ecotoxic effect:**
Due to mechanical actions of the product (e.g. agglutinations) damages may occur.

- 12.6 **Additional ecological information**
- **Additional notes:**
Water hazard class 1 (German regulation) (Self assessment): slightly hazardous for water.
 - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- 12.6 **Results of PBT and vPvB assessment:**
PBT: Not applicable
vPvB: Not applicable
- 12.7 **Other adverse effects:** No further relevant information available.

SECTION 13: Disposal consideration

- 13.1 **Waste treatment methods:**
- **Recommendation:**
Must be disposed together with household garbage. Do not allow product to reach sewage system.
Can be burned with the household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
- 13.2 **Un-cleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transportation information

- 14.1 **UN-Number:**
DOT, ADR, ADN, IMDG, IATA Not regulated
- 14.2 **UN proper shipping name:**
DOT, ADR, ADN, IMDG, IATA Not regulated
- 14.3 **Transport hazard classes:**
DOT, ADR, ADN, IMDG, IATA Not regulated
- 14.5 **Packaging group:**
DOT, ADR, ADN, IMDG, IATA Not regulated
- 14.6 **Environmental hazards:**
Marine pollutant: No
- 14.7 **Special precautions for the user:** Not applicable
- 14.8 **Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:** Not applicable
- UN "Model Regulation":

SECTION 15: Regulatory information

- 15.1.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA**
Section 355 (extremely hazardous substances): None of the ingredients listed.
Section 313 (Specific toxic chemical listings): None of the ingredients is listed.
 - **TSCA (Toxic Substances Control Act): All ingredients are listed.**
 - **Proposition 65(California):**
Chemical known to cause cancer: None of the ingredients is listed.
Chemical known to cause reproductive toxicity for females: None of the ingredients is listed.
Chemical known to cause reproductive toxicity for males: None of the ingredients is listed.
Chemical known to cause developmental toxicity: None of the ingredients is listed.
 - **Carcinogenic categories:**

- EPA (Environmental Protection Agency): None of the ingredients is listed
- IARC (International Agency for Research on Cancer): None of the ingredients is listed
- TLV (Threshold Limit Value established by ACGIH): None of the ingredients is listed.
- NIOSH-Ca (National Institute of Occupational Safety and Health): None of the ingredients is listed
- State Right to Know Listing: None of the ingredients is listed.
- Canadian Substance Listings:
Canadian Ingredient Disclosure List (limit 0.1%): None of the ingredients is listed
Canadian Ingredient Disclosure List (limit 1%): None of the ingredients is listed
- Other regulation, limitations and prohibitive regulations
This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
- Substances of very high concern (SVHC) according to REACH, article 57:
None of the ingredients is listed.
- Chemical Inventory
Canada: The ingredients of this product are on the DSL
Philippines: This product, or the components, is listed or exempt from listing on the Philippines Inventory of Chemicals and Chemical Substances (PICCS)

SECTION 16: Other information

16.1 Revision Date: 4/08/2017

Abbreviation and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEIL	Ceiling
DOT	Department of Transportation
GHS	Globally Harmonized System
HCS	Hazards Communication Standards
HMIS	Hazardous Materials Identification System
IDLH	Immediate Dangerous to Life or Health
NA	Not Applicable
NE	Not Established
NIOSH	National Institute of Occupational Safety and Health
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
REL	Recommended Exposure Limit
SARA	Superfund amendments and Reauthorization Act
STEL	Short Term Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Material Information System
WEEL	Workplace Environmental Exposure Levels

Disclaimer: Mar-Tek industries provide the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This documentation is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

-----END OF SDS-----