

Prepared Date: 02/18/15
Product Name: Rust Destroyer

Please ensure that this SDS is given to and explained to people using this product.

Safety Data Sheet

Section 1 – Product and Company Information

GHS Product Identifier 999 Rust Destroyer

Suppliers Details Advanced Protective Products
17-12 River Road
Fair Lawn, NJ 07410

HMIS CODE
Health 2
Flammability 2
Reactivity 0

Emergency in U.S.A (800) 255-3924
International: (813) 248-0585

Section 2 - HAZARD Identification

Flammable Liquids	Category 3
Acute Toxicity, Inhalation	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Irritation	Category 2B
Specific Target Organ	Category 3 respiratory irritation
Aspiration Hazard	Category 1

GHS Label Elements



Signal Word
Hazard Statements

Warning
Flammable liquid and vapor.
Harmful if inhaled.
Causes skin irritation.

May cause respiratory irritation.
May cause drowsiness or dizziness.

Precautionary Statements	Prevention: Keep away from heat/sparks/open flame. No smoking. Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and forearms thoroughly after handling. Avoid breathing fume/mist/vapor/spray.
Response	If inhaled: Remove victim to fresh air and keep at rest. If swallowed: Immediately call a Poison Control center or physician. Do not induce vomiting. In case of fire: Use water spray, fog or foam to extinguish. If on skin: Wash with plenty of soap and water. Remove any contaminated clothing. If in eyes: Rinse with copious amounts of water. Remove contact lenses. If eye irritation continues get medical attention.
Storage	Store in a well-ventilated location. Keep cool. Keep container tightly closed.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 – Composition on Hazardous Ingredients

Ingredient	CAS #	composition % wt.
Mineral Spirits	8052-41-3	15-20%
Iron Oxide	1309-37-1	8-12%
Calcium Carbonate	1317-65-3	25-30%
Alkyd emulsion	Proprietary	30-35%

Section 4 - FIRST AID

SKIN:	Wash with soap & plenty of water. Remove contaminated clothing and do not reuse until thoroughly laundered. Rinse skin for minimum of 10 minutes. For serious contamination seek medical attention immediately.
EYES:	Wash eyes with plenty of water for 15 minutes, holding eyelids open. Remove contact lenses. Seek medical assistance promptly if there is continued irritation.
INHALATION:	Remove from contaminated area promptly. Allow victim to rest in a well ventilated area free from vapor. For serious inhalation, seek medical attention immediately. If vapor is still present in vicinity, any rescuer should wear an appropriate mask or breathing apparatus. If not breathing, provide artificial respiration or oxygen by a properly trained personnel. Maintain an open airway.
CAUTION:	Rescuer must not endanger himself! If breathing stops, administer artificial respiration and seek medical aid promptly.

INGESTION: Give plenty of water to dilute product. Do not induce vomiting (see below footnote). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly. Never give anything by mouth to an unconscious person. If unconscious, place in a recovery position and get medical attention immediately.

Inadvertent inhalation of vomited material may seriously damage the lungs. The danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity substance. The stomach should only be emptied under medical supervision, and after the installation of an airway to protect the lungs.

Potential acute health effects

Eye contact	Causes serious eye irritation.
Inhalation	Harmful if inhaled. Can cause central nervous system depression. May cause drowsiness and dizziness.
Skin Contact	Causes skin irritation.
Ingestion	Can cause central nervous system depression. May be fatal if swallowed and enters airways. Irritation to mouth, throat and stomach.

Over-exposure signs/symptoms

Eye contact	Adverse symptoms may include the following: pain, irritation, watering, redness
Inhalation	nausea, vomiting, headache, drowsiness, fatigue, dizziness, unconsciousness
Skin Contact	irritation, redness
Ingestion	nausea, vomiting

Specific Treatments – Treat symptomatically and supportively.

Protection of First-aiders – No action shall be taken involving any personal risk without suitable training. If it is suspected that gas or vapor is still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Section 5 - FIRE FIGHTING & FLAMMABILITY

Flash Point	108 degrees F (closed cup)
Flammability Class	Flammable
DOT classification	Combustible (for domestic transport, rail / truck) 49 CFR 173.150
Flammable Limits	0.9% – 6%
Combustion Products	carbon monoxide, nitrogen oxides, smoke, part oxidized hydrocarbon fragments
Firefighting Precautions	foam, dry chemical, water fog, water spray only to cool & dilute, product floats on water –water jet spreads flames; firefighters must wear SCBA
Static Charge Accumulation	readily accumulates a static charge on agitation or pumping; however, the flash point is high enough that this presents no risk except in very hot locations
Unusual Fire & Explosion Hazards	Closed containers may explode when exposed to extreme heat. During emergency conditions overexposure to decomposition

products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Runoff to sewer may create fire or explosion hazard.

Special Fire Fighting Procedures

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferred. Water can be used to cool closed containers to prevent pressure buildup and possible auto-ignition or explosion when exposed to heat.

Section 6 - ACCIDENTAL RELEASE MEASURES

Leak Precaution

Stop leak without risk. Extinguish all possible sources of ignition. Dyke to control spillage and prevent environmental contamination. Evacuate all unprotected personnel from area. Avoid breathing vapor or mist.

Handling Spill

Ventilate contaminated area; recover free liquid with suitable pumps; absorb residue on an inert sorbent, sweep & pick up using plastic or aluminum shovel & store in closed containers for recycling or disposal. Dispose of collected material in approved manner according to local regulations. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Section 7 - HANDLING & STORAGE

Store in a cool, dry environment, away from sources of ignition, heat and oxidizing agents. Consult NFPA Code. Non-sparking bronze or aluminum hand tools are recommended – required if ambient temperature is above 108 degrees F. Electrical & mechanical equipment (including lighting, switchgear and forklift trucks) used around this product should be explosion-proof.

This product creates and retains static charge on agitation or transfer from one container to another. It is prudent to electrically bond the source container, receiving container and transfer pump before transferring contents. Avoid splashing. Keep product nozzle below the surface of the receiving container. Empty containers may contain a flammable / explosive vapor. Ensure that containers, whether empty or full, are tightly sealed unless in use.

Avoid breathing product vapor. Use with adequate ventilation. If dealing with a spill, and ventilation is impossible or impractical, wear a respirator with an organic vapor cartridge.

Never cut, drill, weld or grind on or near this container. Avoid contact with skin and wash work clothes frequently. An eye bath and safety shower must be available near the workplace. NOTE: Under certain circumstances, absorbent materials soaked in this product and heaped in a pile may undergo spontaneous combustion.

Always dry used absorbent materials thoroughly before discarding.

Section 8 - EXPOSURE CONTROL & PERSONAL PROTECTION

Precautions to be taken during use –

Use only with adequate ventilation. If current ventilation practices are not sufficient to maintain airborne concentrations below the established exposure guidelines, additional ventilation or exhaust systems may be required.

Where explosive mixtures may be present, electrical systems safe for such locations must be provided.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after use. Local exhaust preferable. General exhaust acceptable if the exposure material in sections 2 is maintained to applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

For personal exposure that cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials listed in Section 2.

Approved gloves should be worn.

Approved eye protection should be worn.

Intentional misuse by deliberately concentrating or inhaling the contents can be harmful or fatal.

Section 9 - PHYSICAL PROPERTIES

Odor & Appearance	mild solvent odor, red color
Evaporation Rate (Butyl Acetate = 1)	0.1
Vapor Density	heavier than air
Flash Point	108 degrees F closed cup
Boiling Range	260 degrees F
Density	11.8 lbs. / gal.
Specific Gravity	1.4
Water Solubility	nil
Also soluble in	hydrocarbons and other non-polar solvents; nearly insoluble in methanol
Viscosity	90 Ku @ 77 degrees F
VOC level	250 grams/liter
% volatile volume	40 %

Section 10 - REACTIVITY

Dangerously Reactive With	none known
Also Reactive With	none known
Stability	stable; will not polymerize
Conditions to avoid	none known
Decomposes in Presence of	thermal decomposition may occur above 200°C / 390°F, spontaneous combustion may occur at ambient temperature –see Part 9, Note
Decomposition Products	none apart from Hazardous Combustion Products
Sensitive to Mechanical Impact	no

Section 11 - TOXICITY

Effects, Acute Exposure

Skin Contact	little immediate effect; may be mildly irritating. Prolonged contact may cause greater irritation.
Skin Absorption	slight; no toxic effects by this route
Eye Contact	liquid slightly irritating. Prolonged contact will increase level of irritation.
Inhalation	Irritation of the upper respiratory system. May cause the nervous system depression. Extreme exposure may result in unconsciousness and possibly death.
Ingestion	may cause diarrhea & stomach discomfort –not a route of industrial exposure
Effects, Chronic Exposure	
General	prolonged or repeated contact may cause dermatitis & skin cracking; chronic exposure to vapor may cause tingling, numbness, memory loss
Sensitizing	not a sensitizer in humans or animals Carcinogen not considered a tumorigenic or a carcinogen in humans or animals
Reproductive Effect	no known effect in humans or animals
Mutagen	no known effect on humans or animals
Synergistic With	not known

Section 12 - ECOLOGICAL INFORMATION

Toxicity	Not available
Persistence/Degradability	Not available
Bioaccumulative Potential	Not available
Mobility in soil	Not available
Other adverse effects	No known significant effects or critical hazards

Section 13 - DISPOSAL

Waste Disposal	The generation of waste should be avoided or minimized wherever possible. Do not flush to sewer, recycle solvent if possible, may be incinerated in approved facility. Never cut, drill, weld or grind on or near this container, even if empty. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned out or rinsed. Empty containers or liners may retain some product residues. Vapor from product may create a highly flammable or explosive atmosphere inside the container. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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Customers should check with their local disposal company, municipality or state authority before disposal of material or containers.

Section 14 - TRANSPORT CLASSIFICATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT) For domestic transport via road or rail : Non bulk packaging may be reclassified as Combustible Liquid under 49 CFR 173.150.
Bulk Containers are regulated as: Flammable Liquid, UN1263, PAINT, 3, PG III

Canada (TDG) UN1263, PAINT, CLASS 3, PG III, LIMITED QUANTITY

IMO 5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity.
UN1263, PAINT, CLASS 3, PG III

IATA/ICAO UN1263, PAINT, 3, PG III

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15 - REGULATIONS

US TSCA All components are listed or exempted.

SARA 302/304 Not applicable.

SARA 311/312 Not applicable.

CALIFORNIA PROPOSITION 65 WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16 - OTHER INFORMATION

The information in this SDS were obtained from sources which are believed to be reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. The conditions or methods in handling, storage, use and disposal of the product are beyond control and may be beyond our knowledge. For this and other reasons, we do not claim responsibility and expressly disclaim liability for loss, damage or expense arising out of or in way connected with the handling, storage, use or disposal of this product. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself.

This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. Users should make their own investigations to determine the suitability of the information or products for their particular purpose or application.

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