

Prepared Date: 03/02/15
Product Name: Rust Knock Out

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 888 Rust Knock Out

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

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

HMIS CODE
Health 1
Flammability 0
Reactivity 0

Section 2 - HAZARD Identification

Hazard Statements	May cause skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness.
Precautionary Statements	Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and forearms thoroughly after handling.
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 of Hazardous Ingredients

Ingredient	CAS #	composition % wt.
Water	07332-18-5	25-35%
Iron Oxide	1309-37-1	5-15%
Calcium Carbonate	471-34-1	10-20%
Polymer Solids	Proprietary	20-25%
Talc	14807-96-6	5-10%

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.
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	May cause eye irritation.
Inhalation	May cause irritation of airway.
Skin Contact	May cause skin irritation.
Ingestion	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, headache, drowsiness, fatigue
Skin Contact	irritation, redness
Ingestion	nausea, vomiting

Specific Treatments – Treat symptomatically and supportively.

Section 5 - FIRE FIGHTING & FLAMMABILITY

Flash Point	NA
Flammability Class	Not Flammable
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
Unusual Fire & Explosion Hazards	None noted
Sensitivity to static charge	None noted
Sensitivity to mechanical Impact	None noted

Section 6 - ACCIDENTAL RELEASE MEASURES

Leak Precaution	Stop leak without risk. 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. Avoid splashing. 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 ensure proper ventilation. Avoid contact with skin. 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.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after use. Local exhaust preferable.
For personal exposure that cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator.

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 odor, red color
Vapor Density	heavier than air
Flash Point	NA
Density	10.85 lbs. / gal.
Specific Gravity	1.30
Viscosity	90 Ku @ 77 degrees F
VOC level	30 grams/liter
% volatile volume	50 %

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
Decomposition Products	none
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
Sensitizing	not a sensitizer in humans or animals. Not considered a tumorigen 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. 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. 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)	Not Regulated for Transportation.
Canada (TDG)	Not Regulated for Transportation.
IMO	Not Regulated for Transportation.
IATA/ICAO	Not Regulated for Transportation

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.
DOT	Not Regulated
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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