





SAFETY DATA SHEET

1. Product and Company Identification			
PRODUCT NUMBER:	163011	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	RUST-AID	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Rust Converter & Primer	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification						
GHS CLASSIFICATION: Flam. Aerosol 1 - H222: Extremely flammable aerosol. Press. Gas - H280: Contains gas under pressure; may explode if heated. Eye Irrit. 2A - H319: Causes serious eye irritation. STOT SE 3 - H335-H336: May cause respiratory irritation. May cause drowsiness or dizziness. STOT RE 2 - H373: May cause damage to organs through prolonged or repeated exposure.	SIGNAL WORD: DANGER	SYMBOL:				
HAZARD STATEMENTS: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.						
PRECAUTIONARY STATEMENTS: Prevention: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized Container: Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. Storage: Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.						

3. Composition / Information on Ingredients		
CHEMICAL CHARACTERIZATION: Mixtures		
CHEMICAL DESCRIPTION: This product is a mixture of the substances listed below with non-hazardous additions.		
Chemical Name	CAS	Concentration % by Weight
Acetone	67-64-1	15-25%
Propane	74-98-6	15-25%
Talc	14807-96-6	10-15%
Tert-butyl acetate	540-88-5	10-15%
N-butane	106-97-8	5-10%
Propylene glycol	57-55-6	1-5%
Methyl isobutyl ketone	108-10-1	1-5%
VM&P Naphtha	64742-89-8	1-5%
Methyl Propyl Ketone	107-87-9	1-5%
Diacetone alcohol	123-42-2	1-5%
PM acetate	108-65-6	1-5%

4. First Aid Measures
EMERGENCY OVERVIEW EYES: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. SKIN: Remove contaminated clothing. Wash exposed area with soap and water. INHALATION: Supply fresh air; consult doctor in case of complaints. INGESTION: Rinse out mouth and then drink plenty of water. Rinse mouth with water. Do not induce vomiting. MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: Dizziness INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: No further relevant information available.

5. Fire-Fighting Measures

EXTINGUISHING AGENTS:

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

SPECIAL HAZARDS:

Can form explosive gas-air mixtures.

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

A respiratory protective device may be necessary.

6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES:

Use respiratory protective device against the effects of fumes/dust/aerosol.

METHODS & MATERIAL FOR CONTAINMENT & CLEANING UP:

Absorb liquid components with liquid-binding material.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:

Use only in well ventilated areas.

STORAGE REQUIREMENTS:

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8. Exposure Controls / Personal Protection

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

Chemical Identity	Type	Exposure Limit Values
67-64-1 Acetone	PEL (USA)	Long-term value: 2400 mg/m ³ , 1000 ppm
	REL (USA)	Long-term value: 590 mg/m ³ , 250 ppm
	TLV (USA)	Short-term value: 1187 mg/m ³ , 500 ppm
		Long-term value: 594 mg/m ³ , 250 ppm
		BEI
74-98-6 Propane	PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
	REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
	TLV (USA)	refer to Appendix F in TLVs & BEIs book; D, EX
540-88-5 Tert-butyl acetate	PEL (USA)	Long-term value: 950 mg/m ³ , 200 ppm
	REL (USA)	Long-term value: 950 mg/m ³ , 200 ppm
	TLV (USA)	Short-term value: 712 mg/m ³ , 150 ppm
		Long-term value: 238 mg/m ³ , 50 ppm
106-97-8 n-butane	REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
	TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm
		(EX)
7-55-6 Propylene glycol	WEEL (USA)	Long-term value: 10 mg/m ³
108-10-1 Methyl isobutyl ketone	PEL (USA)	Long-term value: 410 mg/m ³ , 100 ppm
	REL (USA)	Short-term value: 300 mg/m ³ , 75 ppm
		Long-term value: 205 mg/m ³ , 50 ppm
	TLV (USA)	Short-term value: 307 mg/m ³ , 75 ppm
		Long-term value: 82 mg/m ³ , 20 ppm
		BEI
107-87-9 Methyl Propyl Ketone	PEL (USA)	Long-term value: 700 mg/m ³ , 200 ppm
	REL (USA)	Long-term value: 530 mg/m ³ , 150 ppm
	TLV (USA)	Short-term value: 529 mg/m ³ , 150 ppm
123-42-2 Diacetone alcohol	PEL (USA)	Long-term value: 240 mg/m ³ , 50 ppm
	REL (USA)	Long-term value: 240 mg/m ³ , 50 ppm
	TLV (USA)	Long-term value: 238 mg/m ³ , 50 ppm
108-65-6 PM acetate	WEEL (USA)	Long-term value: 50 ppm

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

Chemical Identity	Type	Exposure Limit Values
67-64-1 Acetone	BEI (USA)	50 mg/L
		Medium: urine
		Time: end of shift
		Parameter: Acetone (nonspecific)
108-10-1 Methyl isobutyl ketone	BEI (USA)	1 mg/L
		Medium: urine
		Time: end of shift
		Parameter: MIBK

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Tightly sealed goggles.

Respiratory Protection: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long-term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand Protection: Nitrile gloves. The glove material must be impermeable and resistant to the substance.
Hygiene Protection: Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the eyes and skin.
Do not eat or drink while working.

9. Physical & Chemical Properties

Appearance:	Aerosol	Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Odor:	Aromatic	Lower Explosion Limit:	1.7 Vol %
Odor Threshold:	Not determined.	Upper Explosion Limit:	10.9 Vol %
pH-value:	Not determined.	Vapor Pressure:	Not determined.
Melting Point/Range:	Undetermined.	Relative Density:	Between 0.77 & 0.85 (Water equals 1.00)
Boiling point:	-44°C (-47.2°F)	Vapor Density:	Not determined.
Flash Point:	-19°C (-2.2°F)	Evaporation Rate:	Not applicable.
Flammability (solid, gas):	Extremely flammable.	Partition coefficient: n-octanol/water:	Not determined.
Decomposition temperature:	Not determined.	Solubility:	Not determined.
Auto Igniting:	Product is not self-igniting.	Viscosity:	Not determined.
Water:	0.0%		

10. Stability & Reactivity Information

REACTIVITY:

Stable at normal temperatures.

CHEMICAL STABILITY:

Not fully evaluated.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known.

CONDITIONS TO AVOID:

Do not allow can to exceed 120°F. Do not warehouse in subfreezing temperatures.

INCOMPATIBLE MATERIALS:

No further relevant information available.

HAZARDOUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products known.

11. Toxicological Information

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

108-10-1 Methyl isobutyl ketone	Oral	LD50	2,100 mg/kg (rat)
	Dermal	LD 50	16,000 mg/kg (rabbit)
123-42-2 Diacetone alcohol	Inhalative	LC50/4 h	8.3-16.6 mg/l (rat)
	Oral	LD50	4,000 mg/kg (rat)
108-65-6 PM Acetate	Dermal	LD50	13,630 mg/kg (rabbit)
	Oral	LD50	8,500 mg/kg (rat)
	Inhalative	LC50/4 h	35.7 mg/l (rat)

INFORMATION ON TOXICOLOGICAL EFFECTS: No data available.

Skin Effects: No irritant effect.

Eye Effects: Irritating effect.

Sensitization: No sensitizing effects known.

12. Ecological Information

AQUATIC TOXICITY:

Hazardous for water, do not empty into drains.

PERSISTENCE AND DEGRADABILITY:

The product is degradable after prolonged exposure to natural weathering processes.

OTHER INFORMATION:

This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium) or chlorinated solvents.

BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

MOBILITY IN SOIL:

No further relevant information available.

OTHER ADVERSE EFFECTS:

No further relevant information available.

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

Dispose of in accordance with local, state and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

RECOMMENDATION:

Completely empty cans should be recycled.

14. Transportation Information

UN-NUMBER: UN1950

DOT: UN1950

DOT: Aerosols, flammable

ADR: 1950 Aerosols

Transport hazard class(es):
Class: 2.1
Marine Pollutant: No
Special precautions for user: Warning: Gases
EMS Number: F-D, S-U
Packing Group: --
UN "Model Regulation": UN 1950 AEROSOLS, 2.1

15. Regulatory Information

SARA Section 355 (extremely hazardous substances):
 None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

108-10-1	methyl isobutyl ketone
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Toxic Substances Control Act (TSCA):

All hazardous ingredients are found on the inventory list of substances.

Canadian Domestic Substances List (DSL):

All ingredients are listed or exempted.

Consumer Product Safety Commission (CPSC):

This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

108-10-1	methyl isobutyl ketone
1333-86-4	Carbon black
100-41-4	ethyl benzene

Prop 65 chemicals known to cause birth defects or reproductive harm:

108-10-1	methyl isobutyl ketone
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EPA:

67-64-1	acetone
108-10-1	methyl isobutyl ketone

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability 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 hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.