

Safety Data Sheet

Date of issue: 01/13/2026

Revised On 01/13/2026

1 Identification of the substance and manufacturer

Reviewed 07/16/2026

Trade name: SAFETY RED

Product code: 81423

Recommended use: Paint and coatings application.

Uses advised against: Any that differs from the recommended use.

Manufacturer/Supplier: IBS, Inc.
740 Clay St NW Auburn, WA 98001 USA
800-678-1906 www.industrialbolt.com

Emergency telephone number: 1-800-255-3924 CHEM-TEL



IBS, Inc.
SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR
INDUSTRIALBOLT.COM • 800-678-1906

2 Hazard(s) identification

Classification of the substance or mixture

Aerosols 1 H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

Eye irritation 2A H319 Causes serious eye irritation.

Carcinogenicity 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.

Specific target organ toxicity (single exposure) 3 H336 May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure) 2 H373 May cause damage to organs through prolonged or repeated exposure.

Additional information:
GHS Hazard pictograms

GHS02 GHS07 GHS08

Signal word

Hazard statements

Danger

Extremely flammable aerosol. Pressurized container: may burst if heated.

Causes serious eye irritation.

Suspected of causing cancer. Route of exposure: Inhalation.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Do not breathe dust/fume/gas/mist/vapors/spray.

Avoid breathing fume/mist/vapors/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves.

Wear protective gloves/protective clothing/eye protection/face protection.

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.

If exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

Get medical advice/attention if you feel unwell.

If eye irritation persists: Get medical advice/attention.

Store in a well-ventilated place.

Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).

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

Precautionary statements

3 Composition/information on ingredients

Chemical characterization: Mixtures

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

67-64-1	Acetone	15-25%
74-98-6	propane	15-25%
106-97-8	n-butane	5-10%
7727-43-7	barium sulfate	5-10%
110-19-0	Isobutyl Acetate	5-10%
2807-30-9	Glycol Ether EP	≥5-<10%
108-65-6	PM acetate	1-5%
123-86-4	butyl acetate	1-5%
107-87-9	Methyl Propyl Ketone	1-5%

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.

(Contd. on page 2)

Safety Data Sheet

Date of issue: 01/13/2026

Revised On 01/13/2026

Trade name: SAFETY RED

(Contd. of page 1)

After eye contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:	Rinse out mouth and then drink plenty of water. Rinse mouth with water. Do not induce vomiting.
Most important symptoms and effects:	Dizziness
Indication of any immediate medical attention 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 and emergency procedures:	Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.
Methods and material for containment and cleaning up:	Ensure adequate ventilation.

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:

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 A4, 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)	see Appendix F Minimal oxygen content (D, EX)

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)

7727-43-7 barium sulfate

PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	Long-term value: 5* mg/m ³ *inhalable fraction; E

110-19-0 Isobutyl Acetate

PEL (USA)	Long-term value: 700 mg/m ³ , 150 ppm
REL (USA)	Long-term value: 700 mg/m ³ , 150 ppm
TLV (USA)	Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm

108-65-6 PM acetate

WEEL (USA)	Long-term value: 50 ppm
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123-86-4 butyl acetate

PEL (USA)	Long-term value: 710 mg/m ³ , 150 ppm
REL (USA)	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 710 mg/m ³ , 150 ppm
TLV (USA)	Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm

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

(Contd. on page 3)

Safety Data Sheet

Date of issue: 01/13/2026

Revised On 01/13/2026

Trade name: SAFETY RED

(Contd. of page 2)

TLV (USA) Short-term value: 529 mg/m³, 150 ppm**Ingredients with biological limit values:****67-64-1 Acetone**

BEI (USA) 25 mg/L
 Medium: urine
 Time: end of shift
 Parameter: Acetone (nonspecific)

Hygienic protection: Keep away from foodstuffs and animal feed. Wash hands after use.
 Immediately remove all soiled and contaminated clothing.

Breathing equipment:

Wash hands after use.
 Avoid contact with the eyes and skin.
 Do not eat or drink while working.
 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 NIOSH approved 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.

Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

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

10 Stability and reactivity

Reactivity: Stable at normal temperatures.
Conditions to avoid: Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability: Not fully evaluated.
Possibility of hazardous reactions: No dangerous reactions known.
Incompatible materials: No further relevant information available.
Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information**LD/LC50 values that are relevant for classification:****110-19-0 Isobutyl Acetate**

Oral LD50 4,763 mg/kg (rabbit)

108-65-6 PM acetate

Oral LD50 8,500 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

123-86-4 butyl acetate

Oral LD50 14,000 mg/kg (rat)

Inhalative LC50/4 h >21 mg/l (rat)

Information on toxicological effects: No data available.

Skin effects: No irritant effect.

Eye effects: Irritating effect.

(Contd. on page 4)

Safety Data Sheet

Date of issue: 01/13/2026

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Sensitization: No sensitizing effects known.

(Contd. of page 3)

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), per and polyfluoroalkyl substances (PFA's), 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 considerations

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.
Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

UN-Number UN1950
DOT UN1950
DOT Aerosols, flammable
ADR 1950 Aerosols
Transport hazard class(es):
Class 2.1 Gases
Marine pollutant: No
Special marking (IATA):
Packaging Group: --
Special precautions for user: Warning: Gases
EMS Number: F-D,S-U
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):

7727-43-7 barium sulfate

Toxic Substances Control Act

(TSCA): All 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

13463-67-7 titanium dioxide

100-41-4 ethyl benzene

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

108-10-1 methyl isobutyl ketone

EPA:

67-64-1	Acetone	I
7727-43-7	barium sulfate	D, CBD(inh), NL(oral)
110-19-0	Isobutyl Acetate	D

USDA (United States Department of Agriculture):

Category 21: This product was manufactured to conform to the USDA Food Safety and Inspection Service performance standards. These standards include, but are not limited to, the ability of this product to be safe for use in official meat and poultry establishments, and to perform well under a daily regimen of thorough cleaning, cyclical temperature change, and wet conditions. This product may be used where there is a possibility of incidental food contact.

16 Other information

Contact: Regulatory Affairs