

Section 1 ~ Identification

Identity (As Used On Label and List) K26 (A1061) COLD ZINC	Date Prepared: 01/25/24
Company Information: KAYLINE COMPANY, INC.	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 3303 LAKESIDE AVENUE	Telephone Number for Information: 1-800-426-5820
(City, State, and Zip Code) CLEVELAND, OH 44114	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classifications	Flammable Aerosols 1 Gases under Pressure - Liquefied gas Skin Irritation 2 Toxic to Reproduction 1B Specific Target Organ Toxicity-Repeated Exposure 2	H222 Extremely flammable aerosol. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. H360 May damage fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure.
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Label Elements



Signal Word: DANGER

Hazard Statement	Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.
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Precautionary Statement	Obtain special instructions before use. 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. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container in accordance with local/regional/national/international regulations.
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Other Hazards	N/A
Unknown acute toxicity (GHS US)	N/A

Section 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:

108-88-3	Toluene	≥15-<20%
74-98-6	Propane	5-10%
110-19-0	Isobutyl Acetate	5-10%
106-97-8	n-Butane	5-10%
64742-47-8	Mineral Spirits	5-10%

Section 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.
After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: 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.

Section 5 ~ Firefighting 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.

Section 6 ~ Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use respiratory protective device against the effects of fumes/dust/aerosol.
Methods and material for containment and cleaning up: Dispose contaminated material as waste according to section 13.

Section 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.

Section 8 ~ Exposure Controls/Personal Protection

Components with limit values that require monitoring at the workplace:

108-88-3 Toluene

PEL (USA)

Long-term value: 200 ppm
Ceiling limit value: 300; 500* ppm
*10-min peak per 8-hr shift

REL (USA)

Short-term value: 560 mg/m³, 150 ppm

TLV (USA)

Long-term value: 375 mg/m³, 100 ppm
Long-term value: 20 ppm
BEI, OTO, A4

74-98-6 propane

PEL (USA)

Long-term value: 1800 mg/m³, 1000 ppm

REL (USA)

Long-term value: 1800 mg/m³, 1000 ppm

TLV (USA)

see Appendix F Minimal oxygen content (D, EX)

110-19-0 Isobutyl Acetate

PEL (USA)

Long-term value: 700 mg/m³, 150 ppm

REL (USA)

Long-term value: 700 mg/m³, 150 ppm

TLV (USA)

Short-term value: 150 ppm
Long-term value: 50 ppm

106-97-8 n-butane

REL (USA)

Long-term value: 1900 mg/m³, 800 ppm

TLV (USA)

Short-term value: 1000 ppm (EX)

Ingredients with biological limit values:

108-88-3 Toluene

BEI (USA)

0.02 mg/L
Medium: blood
Time: prior to last shift of workweek
Parameter: Toluene

0.03 mg/L
Medium: urine
Time: end of shift
Parameter: Toluene

0.3 mg/g creatinine
Medium: urine
Time: end of shift
Parameter: o-Cresol with hydrolysis (background)

Hygienic protection: Immediately remove all soiled and contaminated clothing. Wash hands after use. Store protective clothing separately.

Avoid contact with the eyes and skin. Do not eat or drink while working.

Breathing equipment: 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.

Section 9 ~ Physical and Chemical Properties

Appearance: Aerosol.

Odor: Aromatic.

Odor threshold: Not determined.

pH-value: Not determined.

Melting point/Melting range: Undetermined.

Boiling point: -44.5 °C (-48.1 °F).

Flash point: -19 °C (-2.2 °F).

Flammability (solid, gas): Extremely flammable.

Decomposition temperature: Not determined.

Auto igniting: Product is not self-igniting.

Danger of explosion: In use, may form flammable/explosive vapour-air mixture.

Lower Explosion Limit: Not determined.

Upper Explosion Limit: Not determined.

Vapor pressure: Not determined.

Relative Density: Between 0.77 and 0.85 (Water equals 1.00).

Vapor density: Not determined.

Evaporation rate: Not applicable.

Partition coefficient: n-octonal/water: Not determined.

Solubility: Not determined.

Viscosity: Not determined.

Section 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.

Section 11 ~ Toxicological Information

LD/LC50 values that are relevant for classification:

110-19-0 Isobutyl Acetate

Oral LD50 4,763 mg/kg (rbt)

Information on toxicological effects: No data available.

Skin effects: No irritant effect.

Eye effects: Irritating effect.

Sensitization: No sensitizing effects known.

Section 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.

Section 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.

Section 14 ~ Transportation Information

UN-Number: UN1950
DOT: UN1950
DOT: Aerosols, flammable
ADR: 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS

Transport hazard class(es)

Class: 2.1 Gases
Marine pollutant: Symbol (fish and tree)
Special precautions for user: Warning: Gases
EMS Number: F-D,S-U
Packaging Group: --
UN "Model Regulation": UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

Section 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):

7440-66-6 zinc powder
 108-88-3 Toluene

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: None of the ingredients in this product are listed.

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

108-88-3 Toluene

EPA:

7440-66-6 zinc powder D, I, II
 110-19-0 Isobutyl Acetate D

Section 16 ~ Other Information

Other Information

Contact: Regulatory Affairs

Disclaimer: Kayline Company, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and -may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet