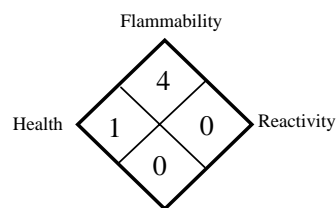


NFPA Hazard Rating



0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

MATERIAL SAFETY DATA SHEET

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Section 1 - Product Identification

J. WALTER COMPANY LTD. 5977 Transcanada Highway Pointe-Claire, Quebec H9R 1C1 Emergency: CANUTEC (613) 996-6666	Trade name: Bolt-Out Product name: Penetrating lubricant Order no.: 53-D 892 WHMIS Classification: A, B1, D2B Controlled under WHMIS: Yes
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Section 2 - Hazardous Ingredients

Ingredients	CAS Number	% by Weight	LD ₅₀ RAT	LC ₅₀ RAT
Kerosine	8008-20-6	>90	>5000 mg/kg	N/Av
Carbon Dioxide	124-38-9	1-10	N/Av	N/Av
Propane	74-98-6	1-10	N/Av	> 20% for 4 hours

Section 3 - Physical / Chemical Characteristics

Physical state: Aerosol	Odour & appearance: Characteristic, dark grey	Odour threshold: N/Av
pH: N/Av	Boiling point: N/Av	Freezing point: N/Av
Specific gravity: 0,79 g/ml @ 20°C	Vapour pressure: 4000 hPa	Vapour density: N/Av
Evaporation rate: Slow	VOC g/l: 783	Water solubility: Insoluble

Section 4 - Fire & Explosion Hazard

Flammability: Yes Conditions: Source of ignition.	Extinguishing media: CO ₂ , dry chemical powder
Flashpoint: -60°C for propellant	Hazardous combustion products: Normal combustion products
Auto ignition temperature: 510°C for propellant	Sensitivity to mechanical impact or static discharge: Normal
Flammable limits (%): Upper: 32,0 Lower: 1,4 for propellant	

Section 5 - Reactivity Data

Chemical stability: Yes **Conditions:** Stable under normal condition.

Reactivity conditions: Keep away from all sources of ignition, do not crush, puncture and incinerate.

Incompatible substances: Strong oxidizing agents.

Hazardous decomposition products: Normal combustion products

N/A - Not Applicable

N/Av - Not Available

MATERIAL SAFETY DATA SHEET

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Section 6 - Toxicological Data

Route of entry: Eye and skin contact, inhalation, ingestion.

Acute exposure effects: May cause skin dryness. High vapor concentrations may cause drowsiness.

Chronic exposure effects: Prolonged contact may cause skin and eye irritation.

<u>Carcinogenicity</u>	<u>Mutagenicity</u>	<u>Reproductive toxicity</u>	<u>Teratogenicity</u>	<u>Synergistic effects</u>
No	No	No	No	No

If yes to any of the above, specify:

Section 7 - Preventive Measures

Protective equipment: Eyewear, gloves.
Handling procedures: Do not smoke during use.
Waste disposal methods: Dispose as per municipal, provincial and federal regulations.
Leak/spill procedures: Shut off sources of ignition. Wipe up spill. Vapours are heavier than air.
Storage requirements: Store below 50°C.
Engineering controls: Ensure adequate ventilation.
Handling equipment: N/A
Special shipping information: Aerosol, Class 2.1, UN1950

Section 8 - First Aid Measures

Skin contact: Rinse thoroughly with water and soap.
Eye contact: Rinse thoroughly with plenty of clean water. Consult a physician if necessary.
Inhalation: Remove victim to fresh air. Consult a physician if necessary.
Ingestion: Do not induce vomiting. Consult a physician if necessary.
Other: N/A

Section 9 - Preparation of MSDS

Prepared by: International Product Manager - Chemical Tools
Telephone: 1-888-592-5837
Date: November 26, 2009

This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

N/A - Not Applicable

N/Av - Not Available