

**MSDS Blasocut**

**PRODUCT IDENTIFICATION**

**Manufacturer:** Blaser Swissslube, Inc.  
31 Hatfield Lane  
Goshen, NY 10924  
USA

**Emergency phone number USA:** (845) 294-3200

**Product name:** Blasocut BC40SW Art. No. 40018  
Blasocut BC20SW Art. No. 40017

**Product type:** Water-miscible mineral oil based metalworking fluid

**Prepared by:** OH & S coordinator

**Date of issue:** June 20, 2005

**Supersedes:** Edition 3 of February 14, 2005

HMIS <sup>1</sup>	
Health	0
Fire	1
Reactivity	0

**PRODUCT COMPOSITION**

Blasocut BC40SW and BC20SW are mixtures of:

Ingredient	%	CAS No:	Exposure Limits:
Severely hydrotreated mineral oil	45 - 65	64742-52-5	OSHA: 5mg/m <sup>3</sup>
Emulsifiers	30 - 50	68608-26-4 67701-22-8 68154-86-9	
Polar additives	1 - 5	8019-28-2 61788-66-7	
Chlorinated paraffin (C <sub>16-20</sub> , less than 50% chlorine)	5 - 15	61788-76-9	
Stabilizers and inhibitors:	1 - 5		

*Corrosion and fungi inhibitors: Na-benzoate; 2-propanol, 1-phenoxy; Ca-acetate; alpha-Tocopherol; citric acid; tartaric acid; ascorbic acid; ascorbylpalmitate; oleylscarcosine; 1-hydroxyethyl-2-oleyl-imidazoline, glycerin and odorant*

Blasocut BC40 SW and BC 20SW do not contain as ingredients: active sulfur, phenols, nitrites, formaldehyde or formaldehyde releasing substances, heavy metals (i.e. lead, mercury etc.), arsenic, PCB, PCT, TCDD or other dioxin related substances. Benzo(a)pyrene content less than 10 ppm (GC-MS method).

**EMERGENCY & FIRST AID PROCEDURES**

- Skin contact:** Wash with plenty of soap and fresh water (good personal hygiene practices are sufficient). Remove any contaminated clothing and launder before reuse.
- Eye contact:** Rinse with plenty of fresh water for 15 minutes. Consult physician if necessary.
- Inhalation:** Remove to fresh air.
- Ingestion:** Do not induce vomiting, pulmonary aspiration hazard. Consult a physician without delay. If involuntary vomiting occurs, ensure mouth is below hip level. Get medical attention.

**FIRE & EXPLOSION HAZARD DATA**

**Flash point (COC):** 240°F (116°C)

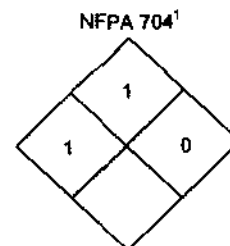
**Auto ignition temperature:** Not determined

**Explosion limits:** Not determined

**Hazardous combustion products:** Oxides of carbon, nitrogen and traces of oxides of sulfur and chlorine

**Products formed under abnormal conditions:** Thermal decomposition of the concentrate above 176°F (80°C) may produce trace amounts of HCl.

**Fire fighting media:** CO<sub>2</sub>, dry chemical, foam



<sup>1</sup> See last page for explanation



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### HEALTH HAZARD DATA

<b>LD<sub>50</sub> of concentrate:</b>	> 5 g/kg	(calculated)
<b>Health hazards (acute/chronic):</b>	None	
<b>Skin sensitizing:</b>	Not expected to be sensitizing	
<b>Eye irritation:</b>	Not expected to be irritating	
<b>Carcinogenicity:</b>	None of the ingredients are listed in OSHA, NTP or IARC	
<b>Routes of entry:</b>	• Inhalation:	Unlikely
	• Skin:	Not readily absorbed through skin
	• Ingestion:	Accidental only
<b>Signs and symptoms of exposure:</b>	None established	
<b>Medical conditions generally aggravated by exposure:</b>	Not established	
<b>OSHA regulated:</b>	No	
<b>Exposure limits:</b>	<b>NIOSH Recommended exposure limit for Metalworking fluids:</b>	0.5 mg/m <sup>3</sup>
	<b>OSHA 29 CFR 1910.1000 for oil mist in air:</b>	5 mg/m <sup>3</sup>
	<b>ACGIH: TLV for oil mist in air:</b>	5 mg/m <sup>3</sup>

The mineral oil used in Blasocut passes IP346 for DMSO extractable PNA. Benzo(a)pyrene content less than 10 ppm (GC-MS method).

### ENVIRONMENTAL, REGULATORY AND SUPPLEMENTAL INFORMATION

**NFPA Storage:** III B

**SARA Title III Information:**

• Immediate health (acute):	No
• Reactive hazard:	No
• Fire hazard:	No
• Delayed health (chronic):	No
• Sudden pressure release:	No

Blasocut does not contain any ingredients listed on the SARA Title III, Section 313 list or CERCLA List of Chemicals.

**RCRA / Hazardous Waste:** Blasocut, as sold, does not meet the criteria of a hazardous waste as defined under 40CFR 261, in that it does not exhibit the characteristics of a hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D. It is the end-user's responsibility to determine the regulatory status of the waste at the time of disposal and dispose of according to all applicable federal, state and local regulations.

**TSCA:** All ingredients of Blasocut are listed on the TSCA Chemical Substances Inventory.

**Canadian DSL / NDSL Information:** All ingredients of Blasocut are listed on the Canadian DSL.

**Clean Air Act:** Blasocut does not contain nor is it manufactured with ozone depleting substances as defined in the Federal Clean Air Act Amendments of 1990, sections 602 and 611.

**DOT:** Blasocut is not considered hazardous under current DOT regulations.

**Spills:** This product is classified as oil. Spills into or leading to surface waters that cause a sheen should be reported to the National Response Center at 1-800-424-8802.

**MSDS Blasocut**

	0	1	2	3	4
<b>HMIS Ratings</b>					
Health, Fire, Reactivity	Minimal	Slight	Moderate	Serious	Extreme
<b>NFPA 704 Ratings</b> (Under fire conditions)					
Health Hazard	Normal Material	Slightly Hazardous	Hazardous	Extreme danger	Deadly
Fire (Flash Point)	Will not Burn	>200°F	100-200°F	73-100°F	<73°F
Reactivity	Stable	Unstable if heated	Violent Chemical change	Shock and Heat may detonate	May detonate

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