



Comet Chemical Company Ltd.  
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# Material Safety Data Sheet

## KIMBOL LOW VOC BLEND

Revision Date: 2010/11/10

### Section 1: PRODUCT INFORMATION

**Product name:** Kimbol Low VOC Blend.

**Supplier 24 hour phone number:** (705)436-5580 – weekdays from 8:00-5:00.  
 (800)567-7455 all other times (Newalta Services).

**Supplier:** Comet Chemical Ltd.  
 3463 Thomas Street  
 Innisfil, On.  
 L9S 3W4.

**Chemical family:** Mixture.

**TDG classification:** FLAMMABLE LIQUID, N.O.S. (acetone)  
 UN1993  
 Class 3  
 PG II.



**WHMIS classification:**

B2, D2A, D2B.



**DSL status:** Appears on DSL.

**Supplier MSDS date:** 2010/11/09.

### Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
1330-20-7	15-40	XYLENE	100 PPM	4300 MG/KG RAT ORAL 2119 MG/KG MOUSE ORAL >1700 MG/KG RABBIT DERMAL	5000 PPM/4H RAT INHALATION
67-64-1	60-100	ACETONE	500 PPM	5800 MG/KG RAT ORAL  3000 MG/KG MOUSE ORAL  5340 MG/KG RABBIT ORAL	50,100 MG/M3/8H RAT INHALATION  44,000 MG/M3/4H MOUSE INHALATION

### Section 3: PHYSICAL DATA

**Physical state:** Liquid.

**Appearance & odor:** Colourless.  
Clear  
Sharp odour.  
Petroleum odour.

**Odor threshold (ppm):** Not available.

**Vapour pressure (mmHg):** Not available.

**Vapour density (air=1):** Not available.

#### Volatiles (%)

**By volume:** Not available.

**Evaporation rate  
(butyl acetate = 1):** Not available.

**Boiling point (°C):** Not available.

**Freezing point (°C):** Not available.

**pH:** Not available.

**Specific gravity @ 20 °C:** 0.8104.

**Solubility in water (%):** Not available.

**Coefficient of water\oil dist.:** Not available.

**VOC:** Not available.

### Section 4: FIRE & EXPLOSION DATA

**Flammability:** Flammable.

**Conditions of flammability:** Heat, sparks and open flames.

**Extinguishing media:** Dry chemical.  
Foam  
Water fog.  
Do not use water jet.

**Special procedures:** Firefighters should wear adequate protective gear.  
Self-contained breathing apparatus required.  
Use water spray to cool fire exposed containers.

**Auto-ignition temperature (°C):** Not available.

**Flash point (°C), method:** (acetone).  
> -18°C

**Lower flammability  
limit (% vol):** Not available.

**Upper flammability  
limit (% vol):** Not available.

#### Explosion Data

**Sensitivity to static discharge:** Take precautionary measures against static discharge.

**Sensitivity to mechanical impact:** Not sensitive.  
**Hazardous combustion products:** Carbon monoxide (CO).  
Smoke  
Nitrogen oxides (NO<sub>x</sub>).  
Partially oxidized hydrocarbons.  
**Explosive power:** Not available.

#### Section 5: REACTIVITY DATA

**Chemical stability:** Stable under normal conditions.  
**Conditions of instability:** Contact with incompatible substances.  
**Hazardous polymerization:** Will not occur.  
**Incompatible substances:** Strong oxidizing agents.  
**Hazardous decomposition products:** See hazardous combustion products.

#### Section 6: TOXICOLOGICAL PROPERTIES

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

**Effects of acute exposure**

**Eye contact:** Irritant.

**Skin contact:** May cause drying and irritation.

**Skin absorption:** No adverse effects are expected with normal use.

**Inhalation:** Irritant.  
Intoxication.  
May cause drowsiness.  
May cause anesthetic effects.  
Headaches, dizziness.

**Ingestion:** May cause dizziness.  
May cause headache and drowsiness.  
May cause signs of intoxication.

**Effects of chronic exposure:** May cause liver and kidney damage.  
May aggravate an existing dermatitis.  
Prolonged or repeated overexposure may cause drying and cracking of the skin (dermatitis).

**LD50 of product, species & route:** Not available for mixture, see the ingredients section.

**LC50 of product, species & route:** Not available for mixture, see the ingredients section.

**Exposure limit of material:** Not available for mixture, see the ingredients section.

**Sensitization to product:** No

**Carcinogenic effects:** Effects reported laboratory animals.

**Reproductive effects:** Effects have been reported in animals.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

## Section 7: PREVENTATIVE MEASURES

### Precautionary Measures

**Gloves/Type:**



Wear impervious gloves.  
Neoprene or nitrile gloves.

**Respiratory/Type:** None required under normal use.  
If TLV is exceeded.



NIOSH approved organic vapors.

**Eye/Type:**



Safety glasses with side-shields.



Chemical safety goggles.

**Footwear/Type:**



Impervious boots.

**Clothing/Type:**



Wear an apron.  
Long sleeve shirt, long trousers.  
When splashing is possible.  
Nitrile clothing.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** As needed to stay below TLV.

**Leak/Spill:** Eliminate all sources of ignition.  
Dike area to prevent spreading.  
Ventilate area.  
Wear appropriate protective equipment.  
Ground handling equipment.  
Use non-sparking tools.  
Explosion proof motors are recommended.  
Soak up with inert absorbent.  
Pump to containers or soak up on inert absorbent.  
Place in a closed container for disposal.  
Do not flush to sewer.  
Blanket spill with foam to protect against accidental ignition.

**Waste disposal:** In accordance with municipal, provincial and federal regulations.  
May be incinerated.

**Handling procedures and equipment:** Keep away from heat, sparks, and open flame.  
Avoid breathing vapors/mists.  
Use adequate ventilation.  
Wear personal protective equipment appropriate to task.  
Use proper grounding procedures.  
Avoid contact with skin, eyes and clothing.  
Do not cut, grind, weld or drill on or near containers.  
Launder contaminated clothing prior to reuse.  
Do not ingest.

**Storage requirements:** Store away from all sources of ignition.  
Store away from incompatible materials.  
Store in a cool, dry and well ventilated area.

**TDG classification:** FLAMMABLE LIQUID, N.O.S. (acetone)  
UN1993  
Class 3  
PG II.



**Special shipping information:** See transportation information.

#### Section 8: FIRST AID MEASURES

- Skin contact:** Wash thoroughly with soap and water.  
Remove contaminated clothing.  
Consult a physician if irritation persists.
- Eye contact:** Flush eyes with clear, running water for 15 minutes while holding eyelids open. If irritation persists, consult a physician.
- Inhalation:** Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.
- Ingestion:** Obtain immediate medical attention.  
Do not induce vomiting, keep person warm, quiet.  
Guard against aspiration of liquids into lungs.  
If vomiting occurs, keep head below hips.  
Never give anything by mouth to an unconscious person.  
Keep at rest.  
If conscious, give large amounts of water.

#### Section 9: ADDITIONAL INFORMATION

**General note:** This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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