

**MATERIAL SAFETY DATA SHEET**  
According to 1907/2006/EC, Article 31, Annex II. (REACH)

Page No. 1 of 3

**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME: TRUCK PLUS**

**DATE: November 17, 2008**

**SUPPLIER:** Melrose Chemicals Ltd.  
2323-46th ave.  
Lachine, QC  
CANADA H8T 3C9  
Tel: +1 (514) 631-2998  
Fax: +1 (514) 631-2997  
E-mail: prodsafe@melrosechem.com

**PRODUCT USE:** Vehicle cleaner

**II. HAZARDS IDENTIFICATION**

**Hazard classification of product according to Directive 1999/45/EC:** C, Corrosive

**Hazards for humans:** Causes burns.

**Hazards for environment:** Strongly alkaline, pH value of water can harm water-organisms.

**III. COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical Identity:	Index #	EINECS #	CAS #	% Conc.	Toxicity
2-Butoxy-ethanol	603-014-00-0	203-905-0	111-76-2	1 - 5	Xn; R20/21/22, 36/38
Sodium hydroxide	011-002-00-6	215-185-5	1310-73-2	1 - 5	C; R35
Disodium metasilicate	014-010-00-8	229-912-9	6834-92-0	1 - 5	C; R34, 37
Tetrasodium ethylenediaminetetraacetate		200-573-9	64-02-8	7 - 13	

**Ingredients according to Directive 2004/648/EC**

Nonionic surfactants <5%  
EDTA 5 - 15%

**IV. FIRST AID MEASURES**

**Contact with skin:** Wash exposed area with soap and water and rinse well.

**Contact with eyes:** Flush with plenty of water. Get medical attention if irritation persists.

**Inhalation:** Not applicable.

**Ingestion:** If victim is conscious, give two glasses of water to drink. Call a physician. Do not give anything by mouth to an unconscious person.

**V. FIRE FIGHTING MEASURES**

**Conditions of flammability:** Not flammable.

**Means of extinction:** Not applicable.

**Hazardous combustion products:** Not applicable.

**Unusual fire and explosion hazards:** None

**VI. ACCIDENTAL RELEASE MEASURES**

**Procedures to be followed in case of spills or leaks:** Small amounts - Flush with water.

Large amounts - Contain spill and collect into waste container. Absorb remaining product with earth or sand and dispose of with solid waste. Flush spill area with water.

**Personal protective equipment to be used:** Protective gloves and safety glasses.

**VII. HANDLING AND STORAGE**

**Special handling procedures and equipment:** Not applicable.

**Specific storage requirements:** Not applicable.

**VIII. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Respiratory Protection:** Not applicable.

**Protective Gloves:** Nitril or neoprene.

**Eye Protection:** Safety glasses.

**Additional Protective Equipment:** Not applicable.

**Ventilation:** Use with adequate ventilation for misting operations.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

**Flashpoint and method of determination:** >93.3°C (C.O.C.)

**MATERIAL SAFETY DATA SHEET**  
According to 1907/2006/EC, Article 31, Annex II. (REACH)

Page No. 2 of 3

**Flammable limits (% in air):** LOWER: Not applicable. UPPER: Not applicable.  
**Auto-Ignition temp.:** Not applicable.  
**Physical State:** Liquid  
**Coefficient of n-octanol/water distribution:** Not available.  
**Odour:** Sweet  
**Specific Gravity:** 1.02  
**Vapour Pressure:** Not available.  
**Evaporation Rate:** Not available.  
**Solubility in water:** Complete

**Vapour density:** Not available.  
**Boiling Point:** 100°C  
**Freezing Point:** -11°C  
**pH:** 12.5 - 13.5  
**Colour:** Yellow  
**Odour threshold:** Not available.

### X. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions. Hazardous polymerization will not occur.  
**Incompatible substances:** Avoid strong oxidizing and reducing agents.  
**Conditions of reactivity:** Avoid contamination with reactive substances.  
**Hazardous decomposition products:** None

### XI. TOXICOLOGICAL INFORMATION

**Probable route of exposure:** Splashes on skin.  
**Exposure Limits:** LD<sub>50</sub> (Calculated) 5000 mg/kg  
**Effect of acute and chronic exposure to product:** Causes burns.  
**Irritating:** No.  
**Sensitisation to product:** No  
**Carcinogenicity:** Data not available.  
**Reproductive toxicity:** Data not available.  
**Teratotoxicity:** Data not available.  
**Mutagenicity:** Data not available.  
**Name of toxicologically synergistic product(s):** Data not available.

### XII. ECOLOGICAL CONSIDERATIONS

**Environmental toxicity information:** Product conforms to the regulations regarding the biodegradability of the surfactants. (Directive 2004/648/EC). Strongly alkaline, pH value of water can harm water-organisms.

### XIII. DISPOSAL CONSIDERATIONS

**For the product:** EC disposal code №:  
20 01 29 (detergent containing dangerous substances).  
**For the packaging:** EC disposal code №:  
15 01 02 (plastic packaging). Can be recycled.

### XIV. TRANSPORT INFORMATION

#### CARRIAGE BY ROAD (CROSSING BORDERS) ADR/RID:

<b>ADR/RID Class:</b>	8	C5
<b>Hazard Identification Number:</b>	80	
<b>UN Number:</b>	3266	
<b>Packing group:</b>	III	
<b>Label:</b>	8	
<b>UN proper shipping name:</b>	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium Hydroxide)	

#### TRANSPORT BY SEA IMDG:

<b>IMDG Class:</b>	8
<b>UN Number:</b>	3266
<b>Packing group:</b>	III
<b>EMS Number:</b>	F-A, S-B
<b>Label:</b>	8
<b>Marine pollutant:</b>	No

**MATERIAL SAFETY DATA SHEET**  
According to 1907/2006/EC, Article 31, Annex II. (REACH)

Page No. 3 of 3

**UN proper shipping name:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium Hydroxide)

**TRANSPORT BY AIR ICAO-TI and IATA-DGR:**

**ICAO/IATA Class:** 8  
**UN Number:** 3266  
**Packing group:** III  
**Label:** 8  
**Packing Instructions:** 818 & 820  
**UN proper shipping name:** CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium Hydroxide)

**XV. REGULATORY INFORMATION**

**Inventory Status:** TSCA (USA), CEPA (Canada, DSL), EINECS (EU), China, TCCL (Korea, KECI), RA 6969 (Philippines, PICCS), NICNAS (Australia, AICS).

**WHMIS CLASSIFICATION:** Class D, 2b, Class E

**Danger symbol:** C, corrosive



**Risk phrases: 34** Causes burns.

**Safety phrases: 26** In case of contact with eyes rinse immediately with plenty of water and seek medical advise.

**36/37/39** Wear suitable protective clothing, gloves and eye/face protection.

**45** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**XVI. OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian *Controlled Products Regulations* and the MSDS contains all the information required by the Canadian *Controlled Products Regulations* and national legislation.

This Material Safety Data Sheet is in conformation with Directive 1907/2006 (REACH) and local legislation.

R-Sentences of ingredients in paragraph II:

**20/21/22** Harmful by inhalation, in contact with skin and if swallowed.

**34** Causes burns.

**35** Causes severe burns.

**36/38** Irritating to eyes and skin.

**37** Irritating to respiratory system.

**Replaces: M.S.D. dated:** November 17, 2005

**Version: 8**

**Changes to the MSDS in this revision: sections 1, 2, 3, 8, 15, 16**

Français

Bahasa Malayu

Español

Nederlands

Bahasa Indonesia

Deutsch