



**Truckwash 66**

S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
P14	Contains 3-Lauramidopropyl trimethyl ammonium methyl sulfate. May produce an allergic reaction.
S35	This material and its container must be disposed of in a safe way.

**2.3. Other hazards**

This product does not contain any PBT or vPvB Substances.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

TRISODIUM NITRILOTRIACETATE	1-5%
CAS-No.: 5064-31-3	EC No.: 225-768-6
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Carc. 2 - H351	Classification (67/548/EEC) Carc. Cat. 3;R40 Xn;R22 Xi;R36
SODIUM HYDROXIDE	1-5%
CAS-No.: 1310-73-2	EC No.: 215-185-5
Classification (EC 1272/2008) Skin Corr. 1A - H314	Classification (67/548/EEC) C;R35
C9-11 Alcohol 6EO	1-5%
CAS-No.: 68439-46-3	EC No.:
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.
ALKYLAMINE DICARBOXYLATE	1-5%
CAS-No.: 90170-43-7	EC No.: 290-476-8
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36.
3-Lauramidopropyl trimethyl ammonium methyl sulfate	< 1%
CAS-No.: 10595-49-0	EC No.: 234-204-8
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) Xn;R22. Xi;R36. R43.
2-BUTOXYETHANOL	< 1%
CAS-No.: 111-76-2	EC No.: 203-905-0

**Truckwash 66**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Acute Tox. 4 - H302	Xn;R20/21/22
Acute Tox. 4 - H312	Xi;R36/38
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

General Information

CAUTION! First aid personnel must be aware of own risk during rescue!

Inhalation.

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Skin Contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

Eye Contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues.

**4.2. Most important symptoms and effects, both acute and delayed**

General Information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation.

Coughing, chest tightness, feeling of chest pressure.

Ingestion

May cause chemical burns in mouth and throat. May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin Contact

Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.

Eye Contact

May cause blurred vision and serious eye damage. Extreme irritation of eyes and mucous membranes, including burning and tearing.

**4.3. Indication of any immediate medical attention and special treatment needed**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

Extinguishing Media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**5.2. Special hazards arising from the substance or mixture**

Hazardous Combustion Products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific Hazards

Oxides of: Carbon. Nitrogen.

**5.3. Advice for firefighters**

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective Measures In Fire

Face mask, protective gloves and safety helmet. Use protective equipment appropriate for surrounding materials.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8.

## Truckwash 66

### 6.2. Environmental precautions

Do not discharge onto the ground or into water courses. To prevent release, place container with damaged side up.

### 6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Stop leak if possible without risk. Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Flush to sewer if local regulations permit.

### 6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Read and follow manufacturer's recommendations. Eye wash facilities and emergency shower must be available when handling this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep above the chemical's freezing point to avoid rupturing the container.

Storage Class

Corrosive storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-BUTOXYETHANOL	WEL	25 ppm		50 ppm		Sk
SODIUM HYDROXIDE	WEL				2 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### 8.2. Exposure controls

Protective Equipment



Process Conditions

Provide eyewash station.

Engineering Measures

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

Respiratory Equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand Protection

Use protective gloves. Use protective gloves made of: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye Protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Other Protection

Provide eyewash station. Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Use appropriate hand lotion to prevent defatting and cracking of skin. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Skin Protection

Wear apron or protective clothing in case of splashes.

## Truckwash 66

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Clear
Odour	Mild
Solubility	Soluble in water.
Initial Boiling Point and Boiling Range:	~ 100 760 mm Hg
Melting Point (°C)	~ 0
Relative Density	~1.075 20
Vapour Density (Air=1)	Not applicable.
Vapour Pressure	Not applicable.
Evaporation Rate	Not available.
pH-Value, Conc. Solution	~ 13
pH-Value, Diluted Solution	~ 12.4 @ 1%
Viscosity	~ 1 cSt @ 20 °c
Decomposition Temperature (°C)	Not available.
Odour Threshold, Lower	Not available.
Odour Threshold, Upper	Not available.
Flash Point (°C)	Not applicable.
Auto Ignition Temperature (°C)	Not applicable.
Flammability Limit - Lower(%)	Not applicable.
Flammability Limit - Upper(%)	Not applicable.
Partition Coefficient (N-Octanol/Water)	< 0
Oxidising Properties	Does not meet the criteria for oxidising.
Comments	Information declared as "Not available" or "Not applicable" is not considered to be justified for enabling proper control measures to be taken.

**9.2. Other information**

Volatile Organic Compound (VOC) 6 g/litre

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions.

**10.3. Possibility of hazardous reactions**

Hazardous Polymerisation  
Will not polymerise.

**10.4. Conditions to avoid**

Avoid contact with acids.

**10.5. Incompatible materials**

Materials To Avoid  
Strong oxidising substances. Strong acids.

**10.6. Hazardous decomposition products**

## Truckwash 66

No specific hazardous decomposition products noted.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Skin Corrosion/Irritation - Animal Data

Scientifically unjustified.

Skin Corrosion/Irritation - Human Skin Model Test

Scientifically unjustified.

Skin Corrosion/Irritation - Extreme pH  $\geq 11.5$

pH

Corrosive

Classification based on Conventional Method, and In Vitro Approaches - Corrosive or Irritant by measuring pH and Acid/Alkali Reserve.

General Information

This product has low toxicity. Only large volumes may have adverse impact on human health.

Inhalation

Vapour may irritate respiratory system or lungs.

Ingestion.

Causes burns.

Skin Contact

Causes burns.

Eye Contact

Causes burns.

Health Warnings

This chemical may cause skin/eye irritation and burns (corrosive). This substance is corrosive.

Route of entry

Skin and/or eye contact. Ingestion.

Target Organs

No specific target organs noted.

Medical Symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

**Name** **2-BUTOXYETHANOL**

Toxic Dose 1 - LD 50 1480 mg/kg (oral rat)

Toxic Dose 2 - LD 50 220 mg/kg (ipr-rat)

Toxic Conc. - LC 50 450 ppm/4h (inh-rat)

Other Health Effects

ACGIH Carcinogen List.

**Name** **SODIUM HYDROXIDE**

Toxic Dose 1 - LD 50 40 mg/kg (oral-mouse)

Toxic Dose 2 - LD 50 325 mg/kg (oral rat)

Other Health Effects

This substance has no evidence of carcinogenic properties.

**Name** **TRISODIUM NITRILOTRIACETATE**

Toxic Dose 1 - LD 50 1000-2000 mg/kg (oral rat)

Toxicological Information

Nitrilotriacetic acid, trisodium salt (NTA) has caused kidney tumours in rats and mice when administered orally in high concentrations. The tumours are based on organ damage that can only occur when extremely high threshold limit concentrations, as compared with possible human exposure, are exceeded. In view of the potential degree of exposure, there should be no cancer risk to humans.

**Name** **C9-11 Alcohol 6EO**

Toxic Dose 1 - LD 50 2000 mg/kg (oral rat)

Toxic Conc. - LC 50 5 mg/l/4h (inh-rat)

Other Health Effects

This substance has no evidence of carcinogenic properties.

**Name** **ALKYLAMINE DICARBOXYLATE**

Other Health Effects

This substance has no evidence of carcinogenic properties.

**Name** **3-Lauramidopropyl trimethyl ammonium methyl sulfate**

Toxic Dose 1 - LD 50 >2000 mg/kg (oral rat)

Other Health Effects

This substance has no evidence of carcinogenic properties.

**Truckwash 66****SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity:**

The product is not expected to be toxic to aquatic organisms. The product is not expected to be hazardous to waste water treatment processes. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

**12.1. Toxicity**

Acute Toxicity - Fish

Not determined.

Acute Toxicity - Aquatic Invertebrates

Not determined.

Acute Toxicity - Aquatic Plants

Not determined.

Acute Toxicity - Microorganisms

Not determined.

Acute Toxicity - Terrestrial

Not determined.

**12.2. Persistence and degradability**

Degradability:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. The product is biodegradable, but it must not be discharged into drains without permission from the authorities.

**12.3. Bioaccumulative potential**

Bioaccumulative Potential:

The product does not contain any substances expected to be bioaccumulating.

Partition Coefficient < 0

**12.4. Mobility in soil**

Mobility:

The product is soluble in water.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB Substances.

**12.6. Other adverse effects**

None known.

**Truckwash 66****Name 2-BUTOXYETHANOL**

LC 50, 96 Hrs, Fish mg/l 1395-1575

EC 50, 48 Hrs, Daphnia, mg/l 1815

IC 50, 72 Hrs, Algae, mg/l &gt;500

**Mobility**

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

**Bioaccumulative Potential**

The product is not bioaccumulating.

**Degradability**

The product is biodegradable.

**Name SODIUM HYDROXIDE****Ecotoxicity**

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

LC 50, 96 Hrs, Fish mg/l 125

EC 50, 48 Hrs, Daphnia, mg/l 40-240

**Mobility**

The product is soluble in water.

**Bioaccumulative Potential**

The product is not bioaccumulating.

**Degradability**

The product is biodegradable.

**Name TRISODIUM NITRILOTRIACETATE**

LC 50, 96 Hrs, Fish mg/l 114-470

EC 50, 48 Hrs, Daphnia, mg/l 560-1,000

IC 50, 72 Hrs, Algae, mg/l 180-320

**Mobility**

The product is soluble in water.

**Bioaccumulative Potential**

The product does not contain any substances expected to be bioaccumulating.

**Degradability**

The product is biodegradable.

**Name C9-11 Alcohol 6EO**

LC 50, 96 Hrs, Fish mg/l 10

EC 50, 48 Hrs, Daphnia, mg/l 10

IC 50, 72 Hrs, Algae, mg/l 10

**Mobility**

The product is soluble in water.

**Bioaccumulative Potential**

The product does not contain any substances expected to be bioaccumulating.

**Degradability**

The product is biodegradable.

**Name ALKYLAMINE DICARBOXYLATE**

EC 50, 48 Hrs, Daphnia, mg/l 97

**Mobility**

The product is soluble in water.

**Bioaccumulative Potential**

The product is not bioaccumulating.

**Degradability**

The product is biodegradable.

**Name 3-Lauramidopropyl trimethyl ammonium methyl sulfate****Mobility**

The product is soluble in water.

**Bioaccumulative Potential**

The product does not contain any substances expected to be bioaccumulating.

**Degradability**

The product is easily biodegradable.

**SECTION 13: DISPOSAL CONSIDERATIONS****General Information**

The packaging must be empty (drop-free, when inverted)

## Truckwash 66

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

## SECTION 14: TRANSPORT INFORMATION

### **14.1. UN number**

UN No. (ADR/RID/ADN)	1824
UN No. (IMDG)	1824
UN No. (ICAO)	1824

### **14.2 UN Proper shipping name**

Proper Shipping Name	SODIUM HYDROXIDE SOLUTION
----------------------	---------------------------

### **14.3 Transport hazard class(es)**

ADR/RID/ADN Class	8
ADR/RID/ADN Class	Class 8: Corrosive substances.
ADR Label No.	8
IMDG Class	8
ICAO Class/Division	8
Transport Labels	



### **14.4. Packing group**

ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

### **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

### **14.6. Special precautions for user**

IMDG Code Segregation Group	18. Alkalis
EMS	F-A, S-B
Emergency Action Code	2R
Hazard No. (ADR)	80
Tunnel Restriction Code	(E)

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

## SECTION 15: REGULATORY INFORMATION

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40.

## Truckwash 66

### EU Legislation

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### National Regulations

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

### Water Hazard Classification

WGK 2

## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### General Information

This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

Only trained personnel should use this material.

### Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 11/05/2011

Revision 7

Supersedes Date 11/05/2011

### Risk Phrases In Full

R35	Causes severe burns.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
R41	Risk of serious damage to eyes.

### Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H351	Suspected of causing cancer.

### Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.