

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : THE CLASS DYNAMIC WHEEL CLEANER +
company : THE CLASS
Address : 5F, Navi plaza, 228, Bunseong-ro, Gimhae-shi,
Gyeongsangnam-do, KOREA
Telephone : +82 (0)70-7715-9922~3
Fax :
Web site : www.theclasskorea.co.kr
Recommended use of the chemical and restrictions on use
Recommended use : car care

2. HAZARDS IDENTIFICATION

Globally Harmonized System of Classification and Labelling of Chemicals(GHS)

Physical hazard : N/A
Health hazard : N/A
Environment hazard : N/A

Label elements including precautionary statements

Symbol : N/A

Signal word : N/A

Hazard statement : N/A

Precautionary statements :

P233: Keep container tightly closed.

P234: Keep only in original container.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/.../equipment.

P243: Take precautionary measures against static discharge.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/ shower.

P406: Store in a corrosive resistant/... container with a resistant inner liner.

P501: Dispose of contents/container to ... [... in accordance with local/regional/national/international regulation (to be specified)].

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Concentration
water	7732-18-5	≤85
1-BUTANOL,3-METHOXY- 3-METHYL-	56539-66-3	≤10
Lauramidopropylamine Oxide	61792-31-2	≤10
D-LIMONENE	5989-27-5	≤0.001
Sodium hydroxide	1310-73-2	≤0.3
Alcohols, (C=11-14)-iso-, (C=13)-rich, ethoxylated	78330-21-9	≤10

4. FIRST AID MEASURES

In case of eye contact

Immediately flush eyes with plenty of water.

In case of skin contact

Get medical attention, if irritation persists.
Wash with soap and water.

If inhaled

Remove to fresh air.
Get medical attention.

If swallowed

Get medical attention.

5. FIRE-FIGHTING MEASURES

Flammable properties

NOT MEASURABLE (ABOVE 100°C) - Non hazardous materials

Suitable extinguishing media

N/A

Specific hazards arising from the chemical

N/A

Special protective equipment for fire-fighters

N/A

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

N/A

Environmental precautions

- Do not allow to be flown into waterway, drain and basement.

Methods and materials for containment and cleaning up

- Absorb liquid and flush contaminated area with detergent and water.

7. HANDLING AND STORAGE

Precautions for safe handling

- Be aware of substances to avoid and conditions.

Conditions for safe storage

- Keep only in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameter

KOSHA : N/A

US ACGIH : N/A

Personal protective equipment**Respiratory protection :**

N/A

Hand protection :

N/A

Eye protection :

N/A

Skin and body protection :

N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : LIQUID

pH : 10-11

Flash point : NOT MEASURABLE (ABOVE 100°C) - **Non hazardous materials**

Autoignition temperature : NOT DETERMINED

Water solubility : WATER-SOLUBLE

Density : N/A

Melting range : N/A

Lower explosion limit : N/A

Upper explosion limit : N/A

10. STABILITY AND REACTIVITY

Chemical stability

N/A

Conditions to avoid:

N/A

Materials to avoid :

N/A

Hazardous decomposition products :

N/A

11. TOXICOLOGICAL INFORMATION

	Acute toxicity		Skin corrosion/irritation
	oral toxicity	dermal toxicity	
water			
1-BUTANOL,3-METHOXY-3-METHYL-			
Lauramidopropylamine Oxide			
D-LIMONENE			
SODIUM HYDROXIDE			
Alcohols, (C=11-14)-iso-, (C=13)-rich, ethoxylated			

	Serious eye damage / eye irritation	Respiratory or skin sensitization
water		
1-BUTANOL,3-METHOXY-3-METHYL-		
Lauramidopropylamine Oxide		
D-LIMONENE		
SODIUM HYDROXIDE		
Alcohols, (C=11-14)-iso-, (C=13)-rich, ethoxylated		

	Germ cell mutagenicity	Carcino-genicity	Reproductive toxicity
water			
1-BUTANOL,3-METHOXY-3-METHYL-			
Lauramidopropylamine Oxide			
D-LIMONENE			
SODIUM HYDROXIDE			
Alcohols, (C=11-14)-iso-, (C=13)-rich, ethoxylated			

	Specific target organ toxicity		Aspiration hazard
	single exposure	repeated exposure	
water			
1-BUTANOL,3-METHOXY-3-METHYL-			
Lauramidopropylamine Oxide			
D-LIMONENE			
SODIUM HYDROXIDE			
Alcohols, (C=11-14)-iso-, (C=13)-rich, ethoxylated			

12. ECOLOGICAL INFORMATION

	Toxicity		
	Fish	Crustacean	Birds
water			
1-BUTANOL,3-METHOXY-3-METHYL-			
Lauramidopropylamine Oxide			
D-LIMONENE			
SODIUM HYDROXIDE			
Alcohols, (C=11-14)-iso-, (C=13)-rich, ethoxylated			

	Persistence and degradability	Bioaccumulative potential		Mobility in soil
		Bio accumulation	Bio degradable	
water				
1-BUTANOL,3-METHOXY-3-METHYL-				
Lauramidopropylamine Oxide				
D-LIMONENE				
SODIUM HYDROXIDE				
Alcohols, (C=11-14)-iso-, (C=13)-rich, ethoxylated				

13. DISPOSAL CONSIDERATIONS

Disposal consideration

Refer to local regulations

Disposal precaution

Refer to local regulations

14. TRANSPORT INFORMATION

UN TDG : N/A

IMDG : N/A

IATA : N/A

15. REGULATORY INFORMATION

Korea Industrial Safety and Health Act : N/A

Korea Hazardous Materials Safety Control Act : N/A

Korea Toxic Chemicals Control Act : N/A

16. OTHER INFORMATION

Issued Date : 2021.07.15

Revision No. :

Revision Date :

Reference

- GHS Classification : KOSHA
- Physical and chemical properties : Korea Fire Institute
- Transport information : KOSHA
- Toxic information : KOSHA
- Ecological information : KOSHA