

1. PRODUCT IDENTIFICATION**MANUFACTURER, IMPORTER OR DISTRIBUTOR IDENTIFICATION****1.1. Data concerning the product:** MULTI Cleaner.**1.2. Intended use:** Universal cleaning substance

APP no.: 220122, 220123.

Distributor:

AUTO – PLAST PRODUKT Sp. z o. o.

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Current safety data and technical information available at the website.

**Date of MSDS preparation:** 28. 05. 2007**2. HAZARDS IDENTIFICATION****Pursuant to the regulations in force (see item 15) the product is classified as hazardous.****2.1. Physical and chemical hazards:**

- the product does not cause fire hazard
- liberates toxic gases in the conditions of fire

2.2. Hazard to health

- the product is irritant
- The product irritates eyes and skin.
- The product is not sensitizing
- degreasing action on skin
- Spilled product causes lubricity of the surface

2.3. Hazard to the environment.

All surfactants (detergents) contained in the product meet the requirements concerning biodegradability pursuant to the Regulation (EC) no. 648/2004 of the European Parliament and the Council of Europe of 31st March 2004 on detergents. Data confirming this fact is at the disposal of competent authorities of member states and shall be rendered accessible at their direct request or the request of detergents' manufacturer.

- the product is not classified as hazardous to the environment.
- avoid release to the environment.
- refer to special instructions/safety data sheets

3. COMPOSITION AND INFORMATION ON COMPONENTS

Product classification and marking was presented pursuant to the Act on chemical substances and preparations dated 11th January 2001, on the basis of the data provided by the manufacturer and on the basis of general knowledge on the substances.

3.1. Hazardous components:

No.	EC no.(EINECS)	Product name:		
	CAS no.			
	Index no.	R phrase	Classification	Contents [%]
1.	225-768-6	Nitrylotrioctan trisodu.		
	5064-31-3			
	Not given			
2.	Not given	Cocamide DEA ethoxylates chloride quat ¹⁾		
	61791-10-4			
	Not given			
3.	500-213-3 ²⁾	Polyethoxylated alcohols ¹⁾		
	68439-50-9			
	Not given			
4.	204-402-9	Potassium hydroxide		
	1310-58-3			
	607-085-00-9			

1). The substances are polymers

2). No-Longer Polymers List Number

The meaning of symbols and contents of R phrases – see item 16.

4. FIRST AID MEASURES**4.1. First aid in case of inhalation exposure:**

- The product is not hazardous
 - 4.2. First aid in case of eye contamination:**
 - flush contaminated eyes, with eyelids open, with a lot of running water, for 10-15 minutes, avoid strong water jet which may cause the risk of damaging cornea.
 - in case if the injured person uses contact lenses, remove them
 - medical attention necessary
 - 4.3. First aid in case of skin contamination:**
 - Wash contaminated skin with water with soap
 - 4.4. First aid in case of swallowing:**
 - rinse mouth with a lot of running water
 - do not induce vomiting
 - give the patient a lot water to drink, if possible with active carbon
 - medical attention necessary
-

5. FIRE FIGHTING MEASURES

5.1. Fire hazards:

- the product does not cause fire hazard
- liberates toxic gases in fire

5.2. Recommended extinguishing media:

- depending on burning materials
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6. ACCIDENTAL RELEASE MEASURES

6.1. General advice:

- notify competent services about the accident
- remove all people who do not take part in repairs from danger zone

6.2. Personal protection:

- Spilled product causes lubricity of the surface
- avoid creating and inhaling product aerosols

6.3. Environmental precautions:

- avoid the contamination of groundwater, protect sink basins
- if the product reached the water or draining system or to the ground, notify competent services

6.4. Cleaning procedures:

- small amounts of released product wipe with paper or a cloth, put in a closed, properly marked container
 - Large released quantities absorb with absorptive material (earth, sand, sawdust, vermiculite) remove to a marked container with a lid and, then, rinse the contaminated surface with water.
 - Neutralize pursuant to the valid regulations (see item 13 and 15).
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7. HANDLING AND STORAGE

7.1. Handling the product:

- handle the product pursuant to the general principles of work health and safety concerning chemical substances; strictly follow the proceeding procedures; when handling the product, apply general work health and safety regulations contained in the Regulation of the Minister of Labour and Social Policy of 30th December 2004 (Dz. U. No. 11 of 2005 item 86); observe the recommendations included in the MSDS supplied by the manufacturer
- do not eat, drink and smoke when handling the product, except for the places designed for this; wash hands before the breaks and after work, if necessary use hand cream
- do not allow for the contamination of skin, eyes and clothing
- avoid creating and inhaling product aerosols

7.2. Storage:

- store the product in dry rooms
- optimum storage temperature from 0 ÷ 30°C
- Protect from frost
- store the product in original and tightly closed containers
- Do not store with the materials mentioned in item 10 of MSDS
- previously opened containers store vertically to make the leakage of the product impossible
- do not store near food

7.3. Requirements concerning the room:

- dry

7.4. Package:

- for safety reasons, it is recommended to store the product in original packages
 - Store in tightly closed, adequately marked containers
 - protect packages from mechanical damage
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8. EXPOSURE CONTROL AND PERSONAL PROTECTION

8.1. Hazard to health

Employees' medical tests and tests and measurements of harmful substances to be carried out pursuant to the regulations in force.

8.2. Precautions:

- Store and use well ventilated room.

8.3. Personal protection:

- Thoroughly wash the whole body after work.
- Wash contaminated clothing and footwear before another use

8.4. The procedures of monitoring of hazardous components in work environment:

- the product contains no components, in concentrations enabling measurement with sufficient precision, for which exposure control is required (potassium hydroxide).

8.5. Hygienic advice:

Avoid direct contact of the product with skin and eyes and inhaling the product vapours; use the product in the rooms with efficiently working ventilation and, if necessary, use respiratory tract protection measures; immediately take off contaminated clothing and wash contaminated skin with water with soap; do not eat, drink and smoke when handling the product, except for the places designed for this, wash hands before breaks at work and after finishing work with the product, use hand cream when necessary.

8.6. Personal protection ensuring adequate protection:

- hands: Gloves made of neoprene, natural rubber, latex, polychloroprene
- skin: not required
- respiratory tract: normally not required; necessary in case of creation of haze
- eyes: tight protective goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

form, appearance:	clear liquid
colour:	green
odour:	fruit
pH	13,5
boiling point:	102°C
melting point:	not determined
burning temperature:	not determined
flash point	not determined
autoignition temperature:	the product is not hazardous
combustibility:	the product is not hazardous
explosive properties:	The product is not hazardous
hazard danger boundaries:	
- lower:	-
- upper:	-
oxidizing properties:	none
vapour pressure:	23 hPa
density:	1,08 g/cm ³
solubility:	
- in water:	does mix
- in organic solvents:	not determined
Distribution ratio n- octanol/water	not determined

10. STABILITY AND REACTIVITY

10.1. Stability:

- stable in normal conditions of application and storage

10.2. Conditions to avoid:

- none

10.3. Materials to avoid:

- acids

11. TOXICOLOGICAL INFORMATION

11.1. Hazards to health

- the product is irritant
- The product irritates eyes and skin.
- The product is not sensitizing
- degreasing action on skin
- Spilled product causes lubricity of the surface

11.2. Toxic doses and concentrations:

- No data

12. ECOLOGICAL INFORMATION**12.1. Hazards for the environment.**

All surfactants (detergents) contained in the product meet the requirements concerning biodegradability pursuant to the Regulation (EC) no. 648/2004 of the European Parliament and the Council of Europe of 31st March 2004 on detergents. Data confirming this fact is at the disposal of competent authorities of member states and shall be rendered accessible at their direct request or the request of detergents' manufacturer.

- the product is not classified as hazardous to the environment.
- Avoid release to the environment.
- Refer to special instructions/safety data sheets
- In small concentration the product does not cause disturbances in the action of active deposit in biological sewage treatment plant.

No data available on the mobility of the described substance in various ecosystems, its ability for bioconcentration, biodegradation or ecotoxicity. Do not let any material enter surface water, ground water and soil.

Proceed pursuant to the regulations. Do not let the product enter natural environment. Properly used product does not cause danger to the environment. Do not let any material enter surface water, ground water and soil. Do not dispose in the sewage system. It is forbidden to dispose of the product to sewers or water courses.

13. DISPOSAL CONSIDERATIONS**13.1. Waste material proceedings:**

Small quantities treat as communal waste. Do not dispose large quantities of waste material in the sewage system. Utilize in authorized incineration plants or waste utilization plants, pursuant to the regulations in force (see item 15) Consider the possibility of recycling.

Package contents:

- waste kind Waste coming from production, preparation, turnover and usage of grease, soaps, detergents, disinfectants and cosmetics.

Other unmentioned waste.

- waste code 07 06 99

Package:

Disposing of empty containers (packages) should be in compliance with the regulations in force.

- waste kind Packages made of plastics
- waste code: 15 01 02

14. TRANSPORT INFORMATION

The product does not cause danger in the light of road transport regulations.

Remarks on transport

- Keep away from hazardous materials
- The heaviest packages should be placed the lowest and the lightest ones the highest.

15. REGULATORY REGULATION

Classification and marking of the substance was given pursuant to the Act on chemical substances and preparations dated 11th January 2001, on the basis of the data delivered by the manufacturer and on the basis of general knowledge on the substances.

Package marking:

Pursuant to the regulations in force (see below) the product is classified as hazardous.

Package marking:

Warning marks:



Xi Irritating product

Hazard phrases:

R36/38 Irritates eyes and skin.

Phrases indicating conditions of safe usage:

S24/25 Avoid contact with skin and eyes.

S26 Immediately flush contaminated eyes with plenty of water and seek medical advice.

S37/39 Wear adequate safety gloves and glasses or face protection.

Special remarks:

If the product is offered to detail sale for consumers, use the following phrases defining the conditions of safe use:

- S2 Keep out of the reach of children.
- S46 If swallowed, seek medical advice immediately and show this container or label.

Regulations in force:

- 1 Regulation (EC) no. 1907/2006 of the European Parliament and European Council dated 18th December 2006 on the registration, assessment, granting permits and applied restrictions in the scope of chemicals (REACH) the establishment of the European Chemicals Agency amending directive 1999/45/EC and repealing the regulation of the Council (EEC) no. 793/93 and the regulation of the Commission (EC) no. 1488/94, as well as the Council directive 76/769/EEC and the Commission's directive 91/155/ EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (correction Dz. Urz. Of the European Union, L 396/1)
- 2 Act dated 11th January 2001 on chemical substances and preparations (Dz. U. No 11 item 84 dated 2001) with subsequent amendments)
- 3 Act dated 27th April 2001 on waste (Dz. U. No 62 item 628 dated 2001) together with the Regulation of the Minister of the Environment (Dz. U. No 152 item 1735-1737 dated 2001)
- 4 Act dated 11th May 2001 on package and package waste (Dz. U. No. 63, item 638 dated 2001) with subsequent amendments
- 5 Proclamation of the Marshal of the Parliament of the Republic of Poland dated 4th July 2006 on announcing single text of the act - Environment Protection Law (Dz. U. No 129 item 902 dated 2006)
- 6 Act dated 28th October 2002 on land transport of hazardous materials (Dz. U. No 199 item 1671 dated 2001) with subsequent amendments
- 7 The Regulation of the Minister of Health dated 30th April 2004 on dangerous substances and chemical preparations whose packages shall have closures protecting against opening by children and warning label recognized with fingers. (Dz. U. No. 128, item 1348 dated 2004).
- 8 Regulation of Minister of Health of 2nd September 2003 on marking of dangerous substance and preparation packages (Dz. U. No 173 item 1679 dated 2003) with subsequent amendments of 9th November 2004 (Dz. U. No 260 item 2595 dated 2004) with the consideration of the Commission Directive 2006/8/EC of 23rd January 2006
- 9 Regulation of Minister of Health of 2nd September 2003 on criteria and classification method for chemical substances and preparations (Dz. U. No 171 item 1666 dated 2003) with subsequent amendment of 9th October 2004 (Dz. U. No 243 item 2440 dated 2004) with the consideration of the Commission Directive 2006/8/EC of 23rd January 2006
- 10 Regulation of Minister of Health dated 3rd July 2002 on Material Safety Data Sheet (Dz. U. No 140 item 1171 dated 2002) together with the Regulation of Minister of Health of 14th December 2004 amending the regulation on Material Safety Data Sheet (Dz. U. No 2 item 8 dated 2005).
- 11 Regulation of Minister of Health dated 28th September 2005 on the list of dangerous substances with their classification and marking (Dz.U. No. 201, item 1674 dated 2005)
- 12 Regulation of the Minister of Labour and Social Policy dated 29th November 2002 on the highest allowed concentrations and intensity of agents harmful to health in the work environment (Dz. U. No. 217, item 1833 dated 2002). with the amendment (Dz. U. No 212 item 1769 dated 2005) and Dz. U. No 161 item 1142 of 2007)
- 13 Government announcement dated 26th July 2005 on the annexes A and B of the European Agreement concerning international transport of hazardous materials, coming into force (ADR), prepared in Geneva dated 30th September 1957 (Dz. U. No. 178, item 1481 dated 2005)
- 14 Regulation of the Minister of Environment dated 27th September 2001 on waste catalogue (Dz. U. 2001 No 112 item 1206)
- 15 Regulation of the Minister of Labour and Social Policy dated 11th June 2002 amending the regulation on general work health and safety regulations (Dz. U. No. 91, item 811 dated 2002).
- 16 Regulation of the Minister of Economy dated 9th June 2006 amending the regulation on the minimum requirements concerning work health and safety of the employees employed at work stations where explosion may occur (Dz. U. No. 121 item 836 dated 2006).
- 17 Regulation of the Council of Ministers dated 30th July 2002 amending the regulation on the list of works forbidden to women (Dz. U. No. 127, item 1092 dated 2002). Regulation of the Minister of Health dated 20th April 2005 on the tests and measurements of agents harmful to health in the work environment (Dz. U. dated 73, no. 73, item 645 dated 2005)
- 19 Regulation of the Minister of Health and Social Welfare dated 30th May 1996 on conducting medical tests of employees, the scope of prevention in health care of the employees and doctor's statements issued for the purposes stated in the Labour Code (Dz. U. No. 69 item 332 dates 1996) with subsequent amendments (Dz. U. No 37 item 451 and Dz. U. No. 128, item 1405 dated 2001)
- 20 Regulation of the Council of Ministers dated 24th August 2004 on the list of works forbidden to the juvenile and the conditions of employing them at some works (Dz. U. No. 200 item 2047 dated 2004) with subsequent amendments (Dz. U. No 136 item 1145 dated 2005)
- 21 Regulation of Minister of Economy and Labour dated 5th July 2004 on the limitations, bans or production conditions, trading or the use of hazardous substances and preparations and the products containing them (Dz. U. No. 168 item 1762 dated 2004) with subsequent amendments (Dz. U. No 39 item 372 dated 2005 and Dz. U. No. 127, item 887 dated 2006)
- 22 Regulation of the Minister of Health dated 1st December 2004 on substances, preparations, factors or technological processes with carcinogenic or mutagenic in the work environment (Dz. U. No. 280 item 2771 dated 2004). with subsequent amendments (Dz. U. No 160 item 1356 dated 2005)
- 23 Act dated 29th July 2005 on counteracting drug abuse (Dz. U. No. 179, item 1485 dated 2005) with the amendment (Dz. U. No. 120, item 826 dated 2006 and the Regulation (EC) No. 273/2004 of the European Parliament and the Council dated 11th February 2004. on the precursors of drugs (Dz. Urz. EC L 047 dated 18th February 2005) and the Regulation (EC) and the Council No. 111/2005 dated 22nd December 2004 defining the principles of supervising the trade with drugs precursors between the Community and the third countries (Dz. Urz. EC L 22 dated 26th January 2005, page 1; Dz. Urz. EC Polish special issue dated 2005, volume 48, page 1).

16. OTHER INFORMATION

The meaning of symbols and the contents of R phrases included in item 2:

C	Caustic product
Xn	Harmful product
Xi	Irritating product
R22	Harmful if swallowed
R35	Causes serious burns
R36	Irritating to eyes
R36/38	Irritates eyes and skin.
R41	Risk of serious damage to eyes.

Employees' medical tests and tests and measurements of the harmful factors to be made pursuant to the valid regulations. This material safety data sheet was prepared pursuant to the data coming from the MSDS provided by the manufacturer. The above information was prepared on the basis of current knowledge and experiences. It does not guarantee of the property of the product or quality specification and cannot be the basis for the complaint. The product should be transported, stored and applied pursuant to the regulations in force and good practice and hygiene of work.

MATERIAL SAFETY DATA SHEET

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The manufacturer does not bear responsibility for any losses arising directly or indirectly from the application of the above interpretation of the regulations or instructions..

The presented information cannot be applied for the mixtures of the product with other substances. The use of information given and the application of the product are not controlled by the manufacturer so it is the user's obligation to create adequate conditions for safe handling the product.

MSDS was prepared by **CHEM-NET S.C. 91-716 Łódź, Nowopolska 9A** www.chem-net.info, at the order of **AUTO – PLAST PRODUKT Sp. z o. o.** MSDS was prepared pursuant to domestic regulations currently in force. The preparation of this MSDS was based on current knowledge and experiences.
