

# MATERIAL SAFETY DATA SHEET/MSDS

# SINTAN®

The product is not classified as a hazardous mixture within the meaning of the Act of 25.02.2011 on chemical substances and mixtures (Journal of Laws [Dz. U.] of 2011 No. 63, item 322)

Prepared on: 15.10.2002

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<b>Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING</b>						
<b>1.1 Product Identifier:</b> <b>1.2 Relevant identified uses of the substance or mixture and uses advised against:</b> <b>1.3. Details of the supplier of the safety data sheet:</b> <b>1.4. Emergency phone:</b>		<b>SINTAN®</b> Cleaner and degreaser for all surfaces contaminated with petroleum derivatives and other fats. <b>Sintac - Polska Sp. z o.o. ul. Armii Krajowej 86, 05-075 Warszawa -Wesoła, Poland. Regon (National Business Registry Number): 271852316</b> (+4822) 812 62 54, 812 45 93, Fax: (+4822) 812 53 92. Mobile +48601 827 847.				
<b>Section 2. HAZARDS IDENTIFICATION</b>						
<b>2.1. Classification of the mixture:</b> <b>2.2. Label elements:</b> <b>2.3. Other hazards:</b>		<b>According to EC regulation No. 1272/2008 the mixture has not been classified as hazardous.</b> Not applicable. Hazard for health - not present. Environmental hazard - not present.				
<b>Section 3. COMPOSITION / INFORMATION ON INGREDIENTS:</b>						
<b>3.1. Substances:</b> <b>3.2. Mixtures:</b>		Not applicable, the product is a mixture. Aqueous solution contains:				
Substance name	Registration No.	EC	CAS-#	Concentration	Classification as per Directive No. 67/548/EEC	Classification as per Regulation No. 1272/2008
Non-ionic surfactants - Polymer			68439-45-2	<10 %	Xn, R22, R41, S25, S26, S37/39	H 302, H 318
Anionic surfactants	012119489428-22-XXXX	270-115-0	68411-30-3	< 1 %	Xn R22 Xi R38, R41	H 302, H 315, H 318
<b>Note: The above mentioned warnings apply to 100% pure components of the mixture.</b> For full text of R and H statements go to section 16.						

<p><b>Section 4. FIRST AID MEASURES</b></p> <p><b>4.1. Description of first aid measures:</b></p> <p><b>4.2. Most important symptoms and effects, both acute and delayed:</b></p> <p><b>4.3. Indication of any immediate medical attention and special treatment needed:</b></p>	<p>Inhalation: Hazard not present.  Skin: Hazard not present.  Ingestion: If ingested, induce vomiting, rinse mouth.  Eyes: Wash with plenty of water.</p> <p>The effects of this type are not known.</p> <p>No special procedures are necessary.</p>
<p><b>Section 5. FIRE-FIGHTING MEASURES:</b></p> <p><b>5.1. Extinguishing media:</b></p> <p><b>5.2. Special hazards arising from the substance or mixture:</b></p> <p><b>5.3. Advice for firefighters:</b></p>	<p>No specific extinguishing media are necessary.</p> <p>The product is not combustible, no hazardous decomposition products are released.</p> <p>Use general individual protective measures.</p>
<p><b>Section 6. ACCIDENTAL RELEASE MEASURES</b></p> <p><b>6.1. Personal precautions, protective equipment and emergency procedures:</b></p> <p><b>6.2. Environmental precautions:</b></p> <p><b>6.3. Methods and material for containment and cleaning up:</b></p> <p><b>6.4. Reference to other sections:</b></p>	<p>Use personal protective equipment. Take up spillage with absorbent or rinse with plenty of water.</p> <p>Avoid release to the environment.</p> <p>Take up spillage with absorbent or rinse with plenty of water.</p> <p>5.;8.;12.</p>
<p><b>Section 7. HANDLING AND STORAGE:</b></p> <p><b>7.1. Precautions for safe handling:</b></p> <p><b>7.2. Conditions for safe storage, including any incompatibilities:</b></p> <p><b>7.3. Special end use(s):</b></p>	<p>No special requirements.</p> <p>Store in cool, shaded rooms, at temperatures above 0°C. At prolonged storage precipitation may occur - then mix. This does not result in the loss of product properties. Airtight packages.</p> <p>No special uses are expected.</p>
<p><b>Section 8. EXPOSURE CONTROL/PERSONAL PROTECTION:</b></p> <p><b>8.1. Control parameters:</b></p> <p><b>8.2. Exposure controls:</b></p>	<p>National occupational exposure limits: Not determined.</p> <p>Occupational exposure control:  respiratory protection - no risks,  hand protection - the use of creams and protective gloves is recommended (strongly degreasing mixture),  eye protection - no hazards,  skin protection - the use of protective creams is recommended,  environmental exposure controls - avoid release to the environment; no other special procedures are required.</p>

<p><b>Section 9. PHYSICAL AND CHEMICAL PROPERTIES:</b></p> <p><b>9.1. Information on basic physical and chemical properties:</b></p> <p><b>9.2. Other information:</b></p>	<p>Appearance - Liquid.  Colour - from colourless to blue.  Odour - characteristic.  pH - approx. 7.  Boiling T - 101°C.  Freezing T - approx. 0°C.  Ignition T - Not applicable.  Flammability - Not combustible mixture.  Explosion properties - None.  Oxidising properties - None.  Vapour pressure - 31.6 hpa at 20°C.  Viscosity - equal to water.  Solubility in water - unlimited.  Partition coefficient: n-octanol / water - Not applicable.  Density - 1.018 kg/dcm<sup>3</sup>  Strongly degreasing product.</p>
<p><b>Section 10. STABILITY &amp; REACTIVITY:</b></p> <p><b>10.1. Reactivity:</b></p> <p><b>10.2. Chemical stability:</b></p> <p><b>10.3. Possibility of hazardous reactions:</b></p> <p><b>10.4. Conditions to avoid:</b></p> <p><b>10.5. Incompatible materials:</b></p> <p><b>10.6. Hazardous decomposition products:</b></p>	<p>The mixture is not reactive. Temp. 80°C is decomposition temperature.  The mixture is stable under normal conditions of handling and storage.  None observed.  Temperatures below 0°C and above 60°C.  None observed.  None observed.</p>
<p><b>Section 11. TOXICOLOGICAL INFORMATION:</b></p> <p><b>11.1 Information on toxicological effects:</b></p>	<p>Based on available data, the classification criteria are not applicable.  The product is not toxic.</p>
<p><b>Section 12. ECOLOGICAL INFORMATION:</b></p> <p><b>12.1. Toxicity:</b></p> <p><b>12.2. Persistence and degradability:</b></p> <p><b>12.3. Bioaccumulative potential:</b></p> <p><b>12.4. Mobility in soil:</b></p> <p><b>12.5. Results of PBT and vPvB assessment:</b></p> <p><b>12.6. Other adverse effects:</b></p>	<p>Based on available data, the classification criteria are not applicable.  The product is not toxic.  Biodegradability as required in the Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.  Not observed.  Not observed.  Not applicable.  None observed.</p>
<p><b>Section 13. DISPOSAL CONSIDERATIONS:</b></p> <p><b>13.1. Waste treatment methods:</b></p>	<p>Use the product to the end by rinsing the package thoroughly with water. Treat the package as municipal waste.</p>

	Handle waste obtained after the use of Sintan® in accordance with the applicable regulations concerning waste.
<b>Section 14. TRANSPORT INFORMATION:</b>  <b>14.1. UN number:</b> <b>14.2. UN proper shipping name:</b> <b>14.3. Transport hazard class(es):</b>  <b>14.4. Packing Group:</b> <b>14.5. Environmental hazards:</b> <b>14.6. Special precautions for user:</b> <b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:</b>	Not applicable. Not applicable. ADR/RID - Road and railway transport - not classified, IMDG - Sea transport - not classified, ICAO/IATA - Air transport - not classified. Not applicable. Not applicable. Special precautions not required. Not applicable.
<b>Section 15. REGULATORY INFORMATION:</b>  <b>15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture:</b>	<ul style="list-style-type: none"> <li>* The Act of 25.02.2011 on chemical substances and mixtures (Journal of Laws [Dz. U.] of 2011 No. 63, item 322, as amended)</li> <li>* Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents, as amended,</li> <li>* Regulation (EC) No 1272/2008 of 16 December 2008 on the classification, labelling and packaging of substances and mixtures, *REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals.</li> <li>*Commission Regulation (EU) No. 453/2010 of 20 May 2010</li> <li>* Regulation of the Minister of Health of 02.09.2003 on the criteria and classification of chemical substances and preparations (Journal of Laws [Dz. U.] of 2003 No. 171, item 1666),</li> <li>* *The Act of 09.01.2009 amending the act on chemical substances and preparations and some other acts (Journal of Laws [Dz. U.] of 2009 No. 20, item 106)</li> <li>* Regulation of the Minister of Health of 13 November 2007 concerning the safety data sheet (Journal of Laws [Dz. U.] No. 215, item 1588 of 2007).</li> <li>* Regulation of the Minister of Health and Social Policy of 30.05.1996 on carrying out medical check-ups of employees, scope of preventative health care for employees as well as medical statements issued for purposes specified in the Labour Code (Journal of Laws [Dz. U.] No. 69/1996, item 332, as amended).</li> <li>* The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) of 30 September 1957, Journal of Laws [Dz. U.] 194/2002, item 1629 with amendments published as government statement in the official Journals of Law of the Republic of Poland.</li> <li>* The Act of 28 October 2002 on Carriage of Dangerous Goods by Road (Journal of Laws [Dz. U.] No. 199/2002, item 1671, as amended).</li> <li>* Waste classification in accordance with the Regulation of the Minister of Environment of 09.12.2014 on Waste Catalogue (Journal of Laws [Dz. U.] of 2015, item 1923).</li> <li>* Regulation of the Minister of Economy, Labour and Social</li> </ul>

<p><b>15.2. Chemical Safety Assessment:</b></p>	<p>Policy of 18 December 2002 on occupational exposure limits for hazardous chemicals (Journal of Laws [Dz. U.] No. 217/2002, item 1833, as amended in Journal of Laws [Dz. U.] of 2005 No. 212, item 1769).</p> <p>No chemical safety assessment was carried out for the mixture.</p>
<p><b>Section 16. OTHER INFORMATION:</b></p>	<p>* The above information has been compiled based on the applicable regulations and is related to the commercial form of the product, compliant with its intended use. Product information has been presented with regard to its safety requirements at use; they do not warrant any special properties of the product.</p> <p>* In the case when conditions of product use are out of manufacturer's control, his responsibility for safe and effective use thereof falls to the user</p> <p>* Information on labelling:</p> <p>Xn - Harmful product  Xi - Irritating product  R 22 - Harmful if swallowed  R 38 - Irritating to the skin  R 41 - Risk of serious eye damage  S 25 - Avoid eye contamination  S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  S 37/39 - Wear suitable gloves and eye/face protection.  H 302 - Acute toxicity (oral), hazard category 4  H 315 - Skin corrosion/irritation, hazard category 2  H 318 - Serious eye damage / eye irritation, hazard category 1</p> <p>* For additional information contact the company or visit the website <a href="http://www.sintac.pl">www.sintac.pl</a></p>

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