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SAFETY DATA SHEET
ACCORDING TO EC REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 453/2010

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

- Trade name : **Labsanor^{RM}** (Linear Alkylbenzenesulphonic acid)
- CAS number : 85536-14-7
EINECS number : 287-494-3
- Chemical formula : $RC_6H_4SO_3H$ where $R=C_{10}H_{21} - C_{13}H_{27}$
- REACH Registration No. : 01-2119490234-40-0038
- Use of the Substance : Surface active substance in production of synthetic detergents
- Company : LLC Zavod sintanolov, LLC Lanitex-Optima 7.
603005, Russia, Nizhny Novgorod, Verkhnevolzhskaya
Nabereznaya, 8/59
- Telephone : +7 (831) 272 88 63
+7 (831) 272 88 50
- E-mail address : mail@norchem.ru
- Only representative : Norchem Trading GmbH
Josef-Kogler Str.11a,
82031 Grunwald, Germany
To the attention of Mrs. F.W.Rabkina
- Telephone : +49 157 761 62 405
- E-mail address : info@norchem.eu
- Emergency telephone : Please, refer to Annex I of this SDS for the list of Emergency telephones of European Poisons Centers.

NOTE: The list of emergency telephone numbers is provided here for reference only. It may not be complete or correct. Please, consult with your local/national competent authorities for the emergency number in your country.

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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS / CLP - Regulation (EC) No 1272/2008

Acute toxicity - Oral Category 4 - (H302)

Skin corrosion/irritation Category 1 - (H314)

Serious eye damage/eye irritation Category 1 - (H318)

Chronic aquatic toxicity Category 3 - (H412)

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Classification of mixtures according to regulation 1272/2008

Hazard pictograms



Signal Word

WARNING

Hazard Statements

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P273 - Avoid release to the environment

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor/physician

Contains Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

2.3 Other hazards

Other hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	EC #	Classification	
Alkylbenzenesulphonic acid	85536-14-7	287-494-3	A	
Sulfuric acid	7664-93-9	231-639-5	96	No
Alkyl benzene	67774-74-7	267-051-0	1.5	Xi, R36/38
Water	7732-18-5	231-791-2	2.0	No
			0.5	No

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4. FIRST AID MEASURES

4.1 Description of first-aid measures

Skin contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse Immediately call a POISON CENTER or doctor/physician
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention Immediately call a POISON CENTER or doctor/physician
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing IF exposed or concerned: Get medical advice/attention Immediately call a POISON CENTER or doctor/physician

4.2 Most important symptoms and effects, both acute and delayed

Main Symptoms	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea Causes severe skin burns and eye damage Causes serious eye damage
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4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Refer to section 4.1.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Dry chemical. Alcohol-resistant foam.
Extinguishing media which shall not be used for safety reasons	Water.

5.2 Special hazards arising from the substance or mixture

Special hazard	Containers may explode when heated Keep containers and surroundings cool with water spray
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5.3 Advice for firefighters

Special protective equipment for fire-fighters	Dike fire-control water for later disposal Fight fire with normal precautions from a reasonable distance.
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Protective equipment and precautions for firefighters	Do not allow run-off from fire fighting to enter drains or water courses
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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Manufacturing Sites:
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Wear protective gloves/clothing and eye/face protection

Do not get in eyes, on skin, or on clothing

6.2 Environmental precautions

Environmental precautions No information available.

6.3 Methods and materials for containment and cleaning up

Methods for containment Contain the spill. The product should not be allowed to enter drains, water courses or the soil.

Methods for cleaning up Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

Other information Refer to protective measures listed in Sections 7 and 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling

Manufacturing Sites:

Clean up spill immediately

The product must not be allowed to run into drains or waterways.

Empty containers should be taken for local recycling, recovery or waste disposal

Wash hands thoroughly after handling

Wash contaminated clothing before reuse

Use personal protective equipment as required

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place

7.3. Specific end use(s)

Specific end uses Not Applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Guidelines

No information available.

Derived No Effect Level (DNEL)

Workers

Chemical Name	Long-term Systemic Effect - Skin Contact	Long-term Systemic Effect - Inhalation	Long-term Local Effect - Skin Contact	Long-term Local Effect - Inhalation
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	170 mg/kg bw/d	12 mg/m ³		12 mg/m ³

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Chemical Name	Chronic Effect Local - Oral	Chronic Effect Local - Inhalation	Chronic Effect Local - Dermal
Benzenesulfonic acid, 4-C10-13-sec-alkylderivs		3 mg/m ³	

Chemical Name	Chronic Effect Systemic - Oral	Chronic Effect Systemic - Inhalation	Chronic Effect Systemic - Dermal
Benzenesulfonic acid, 4-C10-13-sec-alkylderivs	0.85 mg/kg bw/d	3 mg/m ³	85 mg/kg bw/d

Predicted No Effect Concentration (PNEC)

Chemical Name	Fresh Water	Marine sediment	Intermittent Releases
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	0.287 mg/L	0.0287 mg/L	0.0167 mg/L

Chemical Name	Sediment (freshwater)	Sediment (marine)	STP	Soil	air
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	0.287 mg/kg sediment dw	0.287 mg/kg sediment dw	3.43 mg/L	35 mg/kg soil dw	

8.2 Exposure controls

Engineering Measures

Manufacturing Sites:

Prevent splashing and leaking of product
 Use with local exhaust ventilation

Personal protective equipment

Eye Protection

Manufacturing Sites:

Tightly fitting safety goggles
 If splashes are likely to occur, wear:
 Face-shield

Hand Protection Manufacturing Sites:

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the warning of cuts, abrasion
 Wear protective VitonTM gloves

Skin and Body Protection

Manufacturing Sites:

Wear protective gloves/clothing

Respiratory Protection

Manufacturing Sites:

In case of inadequate ventilation wear respiratory protection
 Do not breathe vapors, mist or gas
 Not applicable.

Thermal hazards

Hygiene measures

Manufacturing Sites:

Do not eat, drink or smoke when using this product
 Wash hands thoroughly after handling

Environmental exposure controls

See section 6 for more information.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State @20°C	liquid
Appearance	brown
Odor	Slight, Pungent
Odor threshold	All our products don't have substances deriving inhalation health risk.

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH	1	
Melting/freezing point	10 °C	
Boiling point/boiling range	Not available	
Flash point	210 °C	
Evaporation rate	Not available	Not available. This property is not relevant for the safety and classification of this product
Upper flammability limit	Not available	Not available. This property is not relevant for the safety and classification of this product
Lower Flammability Limit	Not available	Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)	Not available	Not applicable. This property is not relevant for liquid product forms
Vapor pressure	Not available	Not available. This property is not relevant for the safety and classification of this product
Vapor density	11.1	
Relative density	1.06	
Solubility	Miscible with water	
Partition Coefficient (n-octanol/water)	Not available	This property is not relevant for mixtures
Autoignition temperature	310 °C	
Decomposition temperature	Not available	Not available. This property is not relevant for the safety and classification of this product
Viscosity	2400 mPas @20C	
Explosive properties	Not applicable	Not applicable. This product does not contain any substance which possesses dust explosible properties.
Oxidizing properties	Not available	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2))

10. STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity None under normal use conditions.

10.2 Chemical stability

Stability Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization None under normal processing.

10.4 Conditions to Avoid

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Conditions to Avoid No information available.

10.5 Incompatible Materials

Materials to avoid None in particular.

10.6 Hazardous Decomposition Products

Hazardous Decomposition Products None under normal use.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Product Information

Principle routes of exposure	Ingestion, Skin contact, Eye contact, Inhalation.
Acute toxicity	Harmful if swallowed.
Skin corrosion/irritation	Causes burns.
Serious eye damage/eye irritation	Risk of serious damage to eyes.
Skin sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Respiratory sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Germ cell mutagenicity	Not Classified. Based on the available data, the classification criteria are not met.
Carcinogenicity	Not Classified. Based on the available data, the classification criteria are not met.
Reproductive toxicity	Not Classified. Based on the available data, the classification criteria are not met.
STOT - single exposure	Not Classified. Based on the available data, the classification criteria are not met.
STOT - repeated exposure	Not Classified. Based on the available data, the classification criteria are not met.
Aspiration hazard	Not Classified. Based on the available data, the classification criteria are not met.

Component Information

Chemical Name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	85536-14-7	1470 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD 402)	

Chemical Name	Carcinogenicity	Species	Developmental toxicity	Species	Eye Damage	Species	Mutagenicity	Species
Benzenesulfonic acid, 4-C10-13-sec-alkylderivs					Y (100%; OECD 405)			

Chemical Name	Reproductive toxicity	Species	Skin corrosion/irritation	Species	Sensitization	Species
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs			Y (100%; OECD 404)	Rabbit		

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12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Ecotoxicity effects

Harmful to aquatic life with long lasting effects.

Acute toxicity

Chemical Name	CAS-No	Toxicity to Fish (LC50)*	Toxicity to algae (EC50)*	Toxicity to daphnia and other aquatic invertebrates (EC50)*	Toxicity to Microorganisms (EC50)*	Toxicity to other organisms
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	85536-14-7	1.67 mg/L (USEPA850.1075; Lepomis macrochirus; 96 h)	127.9 mg/L (88/302/EWG; Desmodesmus subspicatus; 72 h)	2.4 mg/L (Limnodrilus hoffmeisteri; 48 h)		

* If different it will be explained in the table

Chronic Toxicity

Chemical Name	CAS-No	Toxicity to fish (NOEC or ECx)*	Toxicity to algae (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	85536-14-7	0.23 mg/L (Oncorhynchus mykiss; 72 d)	2.4 mg/L (88/302/EWG; Desmodesmus subspicatus; 3 d)	1.18 mg/L (OECD 211; Daphnia magna; 21 d)		

* If different it will be explained in the table

12.2 Persistence and degradability

Chemical Name	CAS-No	Biodegradation	Hydrolysis t1/2 (half-life)	Half-Life (Photolysis-Atmospheric)
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	85536-14-7	94% DOC; OECD 301 A		

12.3 Bioaccumulative potential

Chemical Name	CAS-No	log Pow	Bioconcentration factor (BCF)
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	85536-14-7	3.2	

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects

No information available.

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from Residues / Unused Products

Disposal should be in accordance with applicable regional, national and local laws and regulations The waste codes/waste designations below are in accordance with EWC

Contaminated packaging

15 01 10.

EWC Waste Disposal No.

07 06 01

Disposal recommendations

Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. For handling waste, see measures described in section 8. Empty, uncleaned packaging need the same disposal considerations as filled packaging.

14. TRANSPORT INFORMATION

IMDG

14.1 UN Number

UN 2586

14.2 UN Proper shipping name

Alkylsulfonate arylsulfonate liquid or containing not more than 5% free sulfuric acid

Description

UN 2586, (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs), 8, III

14.3 Transport hazard class(es)

8

14.4 Packing Group

III

14.5 Environmental Hazards

Not regulated

EmS-No

F-A, S-B

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

IATA

14.1 UN no

UN 2586

14.2 UN Proper shipping name

Alkylsulfonate arylsulfonate liquid or containing not more than 5% free sulfuric acid.

Description

UN 2586, (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs), 8, III

14.3 Hazard Class

8

14.4 Packing Group

III

14.5 Environmental Hazards

Not regulated

ERG Code

8L

ICAO

14.1 UN no

UN 2586

14.2 UN Proper shipping name

Alkylsulfonate arylsulfonate liquid or containing not more than 5% free sulfuric acid.

Description

UN 2586, (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs), 8, III

14.3 Hazard Class

8

14.4 Packing Group

III

14.5 Environmental Hazards

Not regulated

ADR

14.1 UN no

UN 2586

14.2 UN Proper shipping name

Alkylsulfonate arylsulfonate liquid or containing not more than 5% free sulfuric acid.

Description

UN 2686., (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs), 8, III, (E)

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14.3 Hazard Class 8
14.4 Packing Group III
14.5 Environmental Hazards Not regulated
Classification code C9
ADR/RID-Labels 8

RID

14.1 UN no UN 2586
14.2 UN Proper shipping name Alkylsulfonate arylsulfonate liquid or containing not more than 5% free sulfuric acid.

Description UN 2586, (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs), 8, III
14.3 Hazard Class 8
14.4 Packing Group III
14.5 Environmental Hazards Not regulated
Classification code C9

ADN

14.1 UN no UN 2586
14.2 UN Proper shipping name Alkylsulfonate arylsulfonate liquid or containing not more than 5% free sulfuric acid.

Description UN 2586, (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs), 8, III
14.3 Hazard Class 8
14.4 Packing Group III
14.5 Environmental Hazards Not regulated
Classification code C9
Hazard Labels 8
Limited quantity 5 L

15. REGULATORY INFORMATION

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

WGK- WGK Classification (VwVwS) WGK 1

15.2 Chemical Safety Assessment

Chemical Safety Assessment No chemical safety assessment has been carried out for this mixture per REACH regulation.

16. OTHER INFORMATION

16.1 Indication of changes

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Reason for revision Not applicable.

16.2 Abbreviations and acronyms

ADN: European Agreement concerning the International Carriage of Waringous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Waringous Goods by Road
ASTM: American Society for Testing and Materials
CAS-No: Chemical Abstracts Service number
CLP: Classification, Labeling, and Packaging (substances and mixtures)
DIN: German Institute for Standardization
EINECS: European Inventory of Existing Commercial Chemical Substances
EC-Number: EINECS and ELINCS Number (see also EINECS and ELINCS)
EC50: Calculated concentration causing a 50% reduction in cellular reproduction

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ErC50: Calculated concentration causing a 50% reduction in growth rate

EWC: European Waste Catalogue (replaced by LoW – see below)

GHS- Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

IMDG: International Maritime Dangerous Goods Code

IATA: International Air Transport Association

ISO- International Organization for Standardization

Kow: octanol-water partition coefficient

LC50: Lethal Concentration to 50% of a test population

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)

MARPOL- International Convention for the Prevention of Pollution From Ships

o.c.- open cup

OECD - Organization for Economic Cooperation and Development

OEL: Occupational Exposure Limit

PNEC(s): Predicted No Effect Concentration(s)

PVC- Polyvinylchloride

REACH- Registration, Evaluation and Authorization of Chemicals

STEL - Short term exposure limit

TWA- Time weighted average

STP- Sewage treatment plant

SVHC: Substances of Very High Concern

UN- United Nations

16.3 Key literature references and sources for data

No information available

16.4 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Acute toxicity - Oral

Category 4 - Calculation method

Skin corrosion/irritation

Category 1- Calculation method

Serious eye damage/eye irritation

Category 1

Calculation method

Chronic aquatic toxicity

Category 3 - Calculation method

16.5 Relevant R-phrases and/or H-statements (number and full text)

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed

H314 - Causes severe skin burns and eye damage

H318 - Causes serious eye damage

H412 - Harmful to aquatic life with long lasting effects

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

16.6 Training Advice

No information available

16.7 Further information

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific

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material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

ANNEX I: IPCS DIRECTORY OF POISON CENTRES: EUROPEAN REGION

Info from the International Programme on Chemical Safety (IPCS) publicly available at http://www.who.int/ipcs/poisons/centre/directory/euro/en/ (data retrieved on 28 June 2010)	
<u>AUSTRIA</u> <u>Telephone: +43 1 40 400 2222</u>	Vienna Wien Vergiftungsinformationszentrale (Poisons Information Centre) Allgemeines Krankenhaus Waehringer Geurtel 18-20 Vienna 1090
<u>BELGIUM</u> <u>Emergency telephone: +32 70 245 245</u>	Brussels Bruxelles Centre Anti-Poisons/Antigifcentrum Hôpital Militaire Reine Astrid Rue Bruyn Brussels B -1120
<u>BULGARIA</u> <u>Emergency telephone: +359 2 9154 409</u>	Sofia National Toxicological Information Centre National Clinical Toxicology Centre Emergency Medical Institute "Pirogov" 21 Totleben Boulevard 1606 SOFIA Information Centre: Telephone: +359 2 950 0975
<u>CROATIA</u> <u>Emergency telephone: +385 1 234 8342</u>	Zagreb Poisons Control Centre Institute of Medical Research & Occupational Health Ksaverska Cesta 2 P.O. Box 291 Zagreb HR-10000
<u>CZECH REPUBLIC</u> <u>Emergency telephone: +42 2 2491 9293 or +42 2 2491 5402</u>	Prague Praha Poisons Information Centre Clinic For Occupational Medicine, 1st Medical Faculty, Charles University Na Bojisti 1 128 00 Prague 2
<u>DENMARK</u> <u>Emergency telephone, health sector: +45 35 31 55 55</u>	Copenhagen Poison Information Centre Bispebjerg Hospital Bispebjerg Bakke 23, 60, 1 DK-2400 Copenhagen NV Emergency telephone, public: +45 82 12 12 12
<u>FINLAND</u> <u>Emergency telephone: +358 9 471 977</u>	Helsinki Poison Information Centre P.O.B 790 (Tukholmankatu 17) SF - 00029 HUS Helsinki
<u>FRANCE</u> <u>Emergency telephone: +33 1 40 05 48 48</u>	Paris Centre Antipoison et de Toxicovigilance de Paris Hôpital Fernand Widal 200 rue du Faubourg Saint-Denis

Labsanor^{RM}
Linear alkyl benzene sulphonic acid



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	75475 Paris Cedex 10
<u>GERMANY</u> <u>Emergency telephone: +49 30 19240</u>	Giftnotruf Berlin Berliner Betrieb für Zentrale Gesundheitliche Aufgaben Institut für Toxikologie Klinische Toxikologie und Giftnotruf Berlin Oranienburger Strasse 285 13437 Berlin
<u>GREECE</u> <u>Emergency telephone: +30 10 779 3777</u>	Athens Athinai Poisons Information Centre Children's Hospital "Aglaia. Kyriakou" Athens 11527
<u>HUNGARY</u> <u>Emergency telephone number: +36 80 20 11 99</u>	Budapest Országos Kémiai Biztonsági Intézet (National Institute of Chemical Safety) Egészségügyi Toxikológiai Tájékoztató Szolgálat (Health Toxicological Information Service) 1097 Budapest, Nagyvárad tér 2. 1437 Budapest PO Box 839
<u>ICELAND</u> <u>Emergency telephone: +354 525 111, +354 543 2222</u>	Reykjavik Iceland Poisons Information Centre Landspítali University Hospital Fossvogi Reykjavik 108
<u>IRELAND (REPUBLIC OF)</u> <u>Emergency telephone: +353 1 8379964</u>	Dublin National Poisons Information Centre Beaumont Hospital P.O. BOX 1297 Beaumont Road Dublin 9
<u>ISRAEL</u> <u>Emergency telephone: +972 4 854 1900</u>	Haifa Israel Poisons Information Centre Rambam Medical Centre PO Box 9602 Haifa 31096
<u>ITALY</u> <u>Emergency telephone: +39 06 305 4343</u>	Rome Roma Centro Antiveleni (Poisons Centre) Dipartimento di Tossicologia Clinica Universita Cattolica del Sacro Cuore Largo Agostino Gemelli 8 I-00168 Roma
<u>LATVIA</u> <u>Emergency telephone: +371 704 2468</u>	Riga Latvian Poisons Information Centre Clinical Hospital "Gailezers" 2 Hipocrate Street Riga LV 1038
<u>LITHUANIA</u> <u>Emergency telephone: +370 2 36 20 52, +370 2 36 20 92</u>	Vilnius Poisons Control and Information Bureau Siltnamiu 29 2043 Vilnius
<u>NETHERLANDS</u> <u>Emergency telephone: +31 30 274</u>	Bilthoven this service is only available to health professionals National Poisons Information Centre

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<u>88 88</u>	National Institute for Public Health and the Environment P.O. Box 1 Bilthoven 3720 BA
<u>NORWAY</u> <u>Emergency telephone: +47 22 591300</u>	Oslo Poisons Information Directorate of Health and Social Affairs P.O. Box 7000 St. Olavs Plass 0130 Oslo
<u>POLAND</u> <u>Emergency telephone: +48 22 619 66 54; +48 22 619 08 97</u>	Warsaw Warszawa Warsaw Poison Control and Information Centre Praski Hospital Al. Solidarnosci 67 P-03 401 Warszawa
<u>PORTUGAL</u> <u>Emergency telephone: 808 250 143 (for use only in Portugal), +351 21 330 3284</u>	Lisbon Lisboa Centro de Informação Antivenenos – Dra Arlinda Borges Instituto Nacional de Emergência Médica (INEM) Rua Almirante Barroso, 36 1000-013 Lisboa
<u>ROMANIA</u> <u>Emergency telephone: +40 21 230 8000</u>	Department of Clinical Toxicology Spitalul de Urgenta Floreasca Calea Floreasca Bucharest
<u>SLOVAKIA</u> <u>Emergency telephone: +421 2 54 77 4 166</u>	Bratislava National Toxicological Information Centre University Hospital Bratislava Limbová 5 833 05 Bratislava
<u>SLOVENIA</u> <u>Emergency telephone: + 386 41 650 500</u>	Ljubljana Poison Centre Division of Internal Medicine University Clinical Centre Zaloska 7, 1525 Ljubljana
<u>SPAIN</u> <u>Emergency telephone: +34 91 562 04 20</u>	Madrid Servicio de Información Toxicológica Instituto Nacional de Toxicología Departamento de Madrid Calle Luis Cabrera 9 E-28002 Madrid
<u>SWEDEN</u> <u>Emergency telephone: +46 8 33 12 31 (International) 112 (National)</u>	Stockholm Gif tinformationscentralen (Swedish Poisons Information Centre) Karolinska Hospital SE-171 76 Stockholm
<u>SWITZERLAND</u> <u>Emergency telephone: +41 1 251 51 51</u>	Zurich Centre Suisse d'Information Toxicologique (Swiss Toxicological Information Centre) Freiestrasse 16 Postfach CH-8028 Zurich
<u>UNITED KINGDOM</u> London <u>Emergency telephone: 0870 243 2241</u>	London Guy's & St Thomas' Poisons Unit Medical Toxicology Unit Guy's & St Thomas' Hospital Trust

Labsanor^{RM}
Linear alkyl benzene sulphonic acid

HOPKEMTM
ООО Завод синтанолов

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The UK National Poisons Emergency
number is 0870 600 6266 (Outside
the UK: +44 870 600 6266)
NB these services are only available
to health professionals

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