

According to the Regulation No. 1907/2006

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				0040/40/45
Product		REFORMER FEED	Date:	
			Editic	on: 2
1. IDENTIFI	CATION OF THE	SUBSTANCE / MIXTURE AN	D OF THE COM	PANY /
UNDERTAK	KING			
1.1. Produc	t identifier			
- Trade nan	ne:	REFORMER FEED		
- Chemical	name:	-		
- Index no.:		-		
- EC no.:		-		
- CAS no.:		-		
- Registrati	on No.:	-		
- Product c	ode:	1000889		
1.2. Releva	nt identified uses	of the substance or mixture	and uses advis	ed against
- Relevant i	dentified uses:	Manufacture of Substances	- industrial	
		Use as intermediate - indust	rial	
- Uses advi	sed against:	The uses that are in the list a		
		Other uses are not recommended risks		
		proves that the related risks before starting that use.		
1.3. Details	of the supplier of	the safety data sheet		
- Manufactu	urer/supplier:	INA-Industrija nafte, d.d.		
Address:	Av. Većeslava H	•		
		agreb, HRVATSKA		
Phone:	00-385-1-6450-8	42 / 00-385-1-6451-075 (24 h))	
Fax:	00-385-1-6452-0	50	e-mail:	<u>sds@ina.hr</u>
- Responsil	ble person:	SD & HSE S	Sector	
Mirela Mavri		Tel. 00-385-	1-6450-803	
Hrvoje Rauk	kar, B.Sc.			
•	ency Telephone N			
-	y Service Telepho		112	
	Protection and Re	scue Directorate	00-385-1-3	
-	5, 10000 Zagreb		00-385-1-30 00-385-1-30	
e-mail: <u>info</u>			00-385-1-3	
	formation Talant			
- wealcal In	formation Teleph	one Numper:	00-385-1-23	J-4ð-J4∠

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC) No 1272/2008 (CLP/GHS):

Flam. Liq. 2; H225



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Skin krit 2: 4215			Edition.	L
Skin Irrit. 2; H315				
Muta. 1B; H340				
Carc. 1B; H350				
Repr.2; H361				
STOT SE 3; H336				
Asp.Tox. 1; H304				
Aquatic Chronic 2; H411				
Full text of H-phrases: se	e section 1	6.		
2.2. Substance or mixtu	re labellin	g		
2.2.1. Labelling according	ng to Regu	ulation (EC) No 1272/2008 (CLP/0	GHS)	
Hazard pictograms:				
$\wedge \wedge /$	$^{\prime}$	\checkmark		
		E.		
	•⁄	22		
GHS02 GHS08 GI	HS07 GH	V IS09		
Signal word: Danger				
eighar word. Dangor				
Hazard statements (H):	H225	Highly flammable liquid and vap	our.	
		U I I		
	H304	May be fatal if swallowed and e	nters airwa	VS.
	H304 H315	May be fatal if swallowed and e Causes skin irritation.	nters airwa	ys.
	H315	Causes skin irritation.		ys.
	H315 H336	Causes skin irritation. May cause drowsiness or dizzin		ys.
	H315 H336 H340	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects.		ys.
	H315 H336 H340 H350	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer.	ness.	ys.
	H315 H336 H340 H350 H361d	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb	ness. porn child.	-
Precautionany	H315 H336 H340 H350	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer.	ness. porn child.	-
	H315 H336 H340 H350 H361d	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb	ness. porn child.	-
Precautionary statements (P):	H315 H336 H340 H350 H361d	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb Toxic to aquatic life with long las	ness. born child. sting effect	-
	H315 H336 H340 H350 H361d H411	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb Toxic to aquatic life with long las Obtain special instructions befor Keep away from heat/sparks/o	ness. born child. sting effect re use.	s.
	H315 H336 H340 H350 H361d H411 P201 P210	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb Toxic to aquatic life with long las Obtain special instructions befor Keep away from heat/sparks/o No smoking.	ness. born child. sting effect re use. pen flames	s.
	H315 H336 H340 H350 H361d H411	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb Toxic to aquatic life with long las Obtain special instructions befor Keep away from heat/sparks/o No smoking. Avoid release to the environment Wear protective gloves/protection	ness. porn child. sting effect re use. pen flames nt.	s. s/hot surfaces.
	H315 H336 H340 H350 H361d H411 P201 P210 P273	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb Toxic to aquatic life with long las Obtain special instructions befor Keep away from heat/sparks/or No smoking. Avoid release to the environment Wear protective gloves/protecting face protection.	ness. porn child. sting effect re use. pen flames nt.	s. s/hot surfaces.
	H315 H336 H340 H350 H361d H411 P201 P210 P273 P280 P331	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb Toxic to aquatic life with long las Obtain special instructions befor Keep away from heat/sparks/on No smoking. Avoid release to the environment Wear protective gloves/protecting face protection. Do NOT induce vomiting.	ness. born child. sting effect re use. pen flames nt. ve clothing.	s. s/hot surfaces. / eye protection
	H315 H336 H340 H350 H361d H411 P201 P210 P273 P280	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb Toxic to aquatic life with long las Obtain special instructions befor Keep away from heat/sparks/or No smoking. Avoid release to the environment Wear protective gloves/protecting face protection.	ness. born child. sting effect re use. pen flames nt. ve clothing.	s. s/hot surfaces. / eye protection
	H315 H336 H340 H350 H361d H411 P201 P210 P273 P280 P331 P301+	Causes skin irritation. May cause drowsiness or dizzin May cause genetic defects. May cause cancer. Suspected of damaging the unb Toxic to aquatic life with long las Obtain special instructions befor Keep away from heat/sparks/o No smoking. Avoid release to the environmen Wear protective gloves/protective face protection. Do NOT induce vomiting. IF SWALLOWED: Immediately of	oorn child. sting effect re use. open flames nt. ve clothing, call a POIS	s. s/hot surfaces. / eye protection



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P501

Dispose of contents/container in accordance with national regulation.

2.3. Other hazards

The product does not meet the criteria for PBT or vPvB classification in Annex XIII of REACH. Note P

3. COMPOSITION / INFORMATION ON INGREDIENTS						
-Substance:				Mixture:	X	
- Components	contributing	g to produc	t hazardousness	:		
Substance name	S	Substance iden	tification	Classification according to		
Substance name	CAS no.	EC no.	Registration no. (REACH)	[%]	Regulation (EC) No 1272/2008 (CLP/GHS)	
Naphtha (petroleum) full- range straight-run	64741-42-0	265-042-6	01-2119474679- 18-0112	≤ 100		Carc. 1B; H350 Muta. 1B; H340 Asp. Tox. 1; H304
Naphtha (petroleum), heavy hydrocracked	64741-78-2	265-079-8	01-2119485814- 27-0010	≤ 20		Carc. 1B; H350 Muta. 1B; H340 Asp. Tox. 1; H304
Benzene*	71-43-2	200-753-7	-	>1		Flam. Liq. 2; H225 Carc. 1A; H350 Muta. 1B; H340 STOT RE 1; H372 ** Asp. Tox. 1; H304 Eye Irrit. 2; H319 Skin Irrit. 2; H315
Toluene*	108-88-3	203-625-9	-	> 1	:	Flam. Liq. 2 H225 Repr. 2; H361d*** Asp. Tox. 1; H304 STOT RE 2*; H373*** Skin Irrit. 2; H315 STOT SE 3; H336
n-hexane*	110-54-3	203-777-6	-	> 0,1		Flam. Liq. 2; H225 Repr. 2; H361f*** Asp. Tox. 1; H304 STOT RE 2*; H373** Skin Irrit. 2; H315 STOT SE 3; H336 quatic Chronic 2; H411



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* This component was not added on purpose but is reported as important for classification.

4. FIRST AID MEASURE	S
- General information:	
- First aid procedures	
- after inhalation:	Remove the person from dangerous area to fresh air.
	In case of headache, dizziness, nausea and permanent complaints immediately seek medical attention.
	In case of fainting transport in lateral position to hospital, paying attention to the free passing of the air thorough the respiratory tract.
	In case of difficulty in breathing or respiratory arrest, open airways, initiate resuscitation (heart massage and artificial respiration) and immediately seek medical attention.
- after skin contact:	Remove soaked clothes and shoes and flush the sites of contact thoroughly with water and soap for at least 10 to 15 minutes. In case of irritation, swelling or redness occurs seek medical advice.
- after eye contact:	Remove contact lenses (if person has them) and flush the eyes with running water for at least 15 minutes. In case of irritation, blurred vision and swelling immediately seek medical attention.
- after ingestion:	Do NOT induce vomiting! Do not give anything by mouth! Always assume aspiration into the lungs has occurred. If vomiting occurs, keep the head below the level of hips in order to prevent penetration into the lungs. Immediately seek medical attention.
- Note to person admini	stering first aid/ physician: Risk of pulmonary oedema due to

physician: Risk of pulmonary oedema due to aspiration into the lungs. Administering oxygen only by trained medical personnel.

When transferring the afflicted person to hospital, take the instruction on medical care for poisoning with easily volatile solvents. Present the label from the packaging or the SDS.

5. FIRE FIGHTING MEASURES

- Extinguishing media

- SUITABLE: Foam and water mist, and dry powder, CO₂, sand and earth may be used for small fires only. When using dry powder and CO₂ (for initial fires, minor fires and indoor fires) attention is to be paid to the hazard of possible repeated flaring up of the fire after extinguishing.
- NOT SUITABLE: Do not use direct water jets on the burning product as they could cause a vapour explosion and spread of the fire.

- Firefighting measures for special hazards: hazards: Remove all ignition sources and, if necessary, call firemen and the police. Special care should be taken of the fact that there is a permanent danger of creation of explosive mixture with the air at room temperature. Carbon monoxide may be evolved if incomplete combustion occurs. Unidentified organic and inorganic compounds.



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- Special firefighting measures:	Simultaneous use of foam surface is to be avoided as		
- Special fire fighter protective equipment:	Wear protective clothing for in accordance with HRN E open-circuit compressed a accordance with HRN EN 13	N 469 and air breathin	a self-contained
- Special hazards arising from the substance or mixture:	Vapours, being heavier than and in recesses, spreads a ignition is possible. Vapo reignited on surface water.	long the gro	ound and distant
- Advice for firefighters:	No data available.		
- Additional information:	No data available.		

- Personal precautions:	Ventilate thoroughly the premises at risk. Display a visible sign prohibiting entrance, use of open flame and sparking devices. Measure the concentration of gasoline vapours in the air, according to the regulations. Take precautionary measures against static electricity. Ensure electrical conductivity by connecting and grounding all equipment. Monitor the area with a combustible gas detector. Do not use electrical equipment. Do not breathe the fumes or vapour. Do not smoke. Stand upwind from the point of discharge. Use personal protective equipment referred to in section 8.
- Environmental precautions:	Mark out the contaminated area with signs and prevent leaks and spills into watercourses, channels, drainage systems and soil by digging a protective ditch, setting up partitions made of bags of dry sand, soil or clay. Ensure good area ventilation. In case of larger spills notify the Emergency Service at the number 112.
- Methods for cleaning-up and recovery:	Pump the product from the damaged tank into an empty tank - container with the pump designed for use in a potentially explosive atmosphere. Absorb the remainders from soil with absorbents (sawdust, sand, mineral adsorbents or other inert materials). Store the waste material and contaminated surface layer of soil that was removed in tightly closed containers in well-ventilated premises until disposal. Hand over for disposal to legal entities for hazardous waste disposal, authorized by the Ministry in charge of environmental protection. After removing the liquid, wash the product spillage location in the workspace with soapy water and then clean water.



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- Additional warnings:	Highly inflammable fluid an In order to protect the infrastructure against p surrounded by a safety ba notify the Port Authority an Rescue Directorate at the	local sea ollution, ves arrier. In case of the Nationa	ssels shall be e of major spills,

7. HANDLING AND STORAGE

- Handling

- safety precautions: Handle in well-ventilated areas and keep away from food and beverages. Keep far from heat sources and eliminate all ignition sources. Never check the level in the tank near open flames, sparks or smoke. Never perform welding procedures in empty tanks without assessing the risks and taking precautionary measures. Do not use open flames near the tank area. Do not use sparking tools. Unload at unloading stations arranged according to the relevant regulations. Take specific care of the connections to prevent discharge into the sea or river. Observe safety and fire protection measures.
- safe handling advice:
 Prohibited smoking, eating, drinking as well as keeping food in areas where the product is handled. Personal clothes shall be kept separately from the work clothes and workplace. Obligatory wearing of the prescribed personal protective equipment defined in section 8. Extremely dirty, soaked or torn clothes must be immediately changed. Strictly avoid contact with skin and eyes.
- Storage: technical measures and storage conditions:
- SUITABLE: Store in well-sealed tanks, properly manufactured and equipped. Provide room/area ventilation and appropriate temperature. Take measures against the static electricity charge. Ship containers shall be placed in a cool, well-ventilated place.
- TO BE AVOIDED: All other.

- Packaging materials

- RECOMMENDED: Prescribed for that purpose.
- NOT SUITABLE: Reloading into other tanks: replacement, damaged, or inadequate ones is not allowed.
- Special use: No data available.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Exposure limit values

Hazardous substance (CAS No.)	Occupational exposure limit values/short term values (OEL/STEL)		Biological limit values
	ppm	mg/m ³	
gasolines	100/-	300/-	no data
benzene (71-43-2)	1/-	3,25/-	0,12 ppm (in extremely exhaled air – smoking increases the finding)
n-hexane (110-54-3)	20/-	72/-	150 μg/L (in blood) 40 ppm (in extremely exhaled air)

- Monitoring procedures: No data available.

8.2. Exposure controls

- Summary of risk management measures: Measuring the concentration of benzene vapours in the air, according to the regulations. Appropriate measures include: using sealed systems as far as possible. It is necessary to ensure explosion-proof ventilation to maintain airborne concentrations below explosive limits. Local exhaust ventilation is recommended. Ensure an eyewash station and emergency showers.

8.2.1. Occupational exposure controls

- Description of operating procedure and technological control:

Provide good ventilation of working premises/area.

- Personal protective equipment

- respiratory tract protection: If the concentration of hazardous substances is higher than permitted, concentration of hazardous substances is unknown or oxygen content is below allowed limit, use of protective half mask or full face mask (HRN EN 136/AC:2006) with a combined filter for organic gases/vapours (filter type A-P, boiling point>65 °C) with threaded connection complying with the HRN EN 14387 and HRN EN 143-1 standards (boiling point> 65 °C) is mandatory. During the fire, use a self-sustained open-circuit compressed-air breathing apparatus (HRN EN 137). - hand protection: Protective gloves made of stable and impervious material such as nitrile rubber or Viton (HRN EN 374-3) with breakthrough time >240 minutes. If there is danger risk of ignition, use gloves as protection against thermal risks (HRN EN 407).
- Protective goggles or a visor (HRN EN 166) at lower - eye protection:
 - concentrations, and a protective mask at higher concentrations.
- Protective clothing and footwear, nitrile rubber apron, chemical - skin and body protection: suit.



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Special hygienic and safety precautions:
 Maintain the prescribed hygiene standards for working with hazardous substances. Remove contaminated clothing and footwear. Inspect the equipment and devices regularly and maintain with running water.
 Do not smoke, eat, and drink when handling the product. Wash hands every time at the end of work.

8.2.2. Environmental exposure controls

- Summary of risk management measures: No data available.

9.1. General information:

- state: liquid
- colour: colourless
- odour: characteristic of gasoline
- odour threshold: No data available.

9.2. Important health, safety and environmental information:

 pH value (indicate conc. and temp.): 		No data available.
 boiling point/boiling range: 	°C	77,3 – 189,0
- flash point:	°C	< 0 (from literature)
- flammability (solid, gas):		No data available.
- explosive properties:	vol. %	No data available.
- oxidizing properties:		No data available.
- vapour pressure:	kPa	15
- density at 15 °C:	kg/m³	739,0 – 762,5
- relative density:		No data available.
 solubility (indicate solvent): 	g/L	No data available.
- Solubility in water:	g/L	No data available.
 partition coefficient n-octanol / water 	logPow	No data available.
- viscosity (kinematic) at 40 °C:	mm²/s	0,630 - 0,675
- vapour density at 15°C:	kg/m³	No data available.
- volatility:		No data available.
9.3. Other data:		
 melting point/freezing point: 	°C	No data available.
- disintegration temperature:	°C	No data available.
- auto ignition temperature:	°C	280 to 470 °C (from literature)
- conductivity:	pS/m	0 - 5



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10. STABILITY AND REACTIVITY	
- Reactivity:	Stable under recommended handling and storage conditions.
- Chemical stability:	Stable under recommended handling and storage conditions.
- Possibility of hazardous reactions:	No data available.
- Conditions to avoid:	Remove all sources of heat, open flame and sparking.
- Incompatible materials:	Halogens, strong acids, bases and strong oxidants.
- Hazardous decomposition products:	None in standard operating conditions and in proper storage; however thermal decomposition may generate harmful gases, including carbon-monoxide (CO).

11. TOXICOLOGICAL INFORMATION				
- Information on toxicological effects:				
- Acute toxicity				
- oral (LD ₅₀):	> 5000 mg/kg	(rat)		
- inhalation (LC ₅₀):	> 5,2 mg/L (4	> 5,2 mg/L (4 hours, rat)		
- dermal (LD ₅₀):	> 2000 mg/kg	mass (rabbit)		
- Irritation/Corrosion				
- skin:	Causes skin ir	ritation (H315).		
- eyes:	Transient eye	irritation.		
- respiratory tract:	Mild irritant to	the respiratory system.		
- Sensitisation				
- skin:	No data available.			
- respiratory tract:	No data available.			
- Aspiration hazard:	May be fatal if swallo	wed and enters airways (H304).		
 Other classic effects: (e.g. unconsciousness, particularly toxic metabolites, etc.): 		High concentrations of vapours cause dizziness, headache. STOT SE hazard category 3, affects the central nervous system (inhalation).		
- Permanent effects du chronic exposure:	le to acute or	No data available.		
- Special effects				
- mutagenicity:		May cause genetic defects (H340).		
- carcinogenicity: May c		May cause cancer (H350).		
- fertility decrease: No data available.		No data available.		
		Suspected of damaging the unborn child (H361d).		



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- toxicity to reproduction:	No data available.			
- other (e.g. endocrine disruptors):	No data available.			
- STOT (SE):	May cause drowsir	ess or dizzine	ss (H336).	
- STOT (RE):	Based on availa		he criteria foi	
- Prohibitions and restrictions:	No data available.			
- Other:	No data available.			
12. ECOLOGICAL INFORMATION				
12.1. Toxicity				
- to aquatic organisms:	LL ₅₀ =8,2 mg/L (96h), EL ₅₀ =4,5 mg/L (48h), EL ₅₀ =3,1 mg/L (72h),	Daphnia mag	ina	
- to ground organisms:	No data available.			
- to plants and land animals:	No data available.			
12.2. Persistence and degradability				
- biodegradation:	Not applicable.			
- other degradation processes:	Not applicable.			
- degradation in wastewater:	Not applicable.			
12.3. Bioaccumulative potential				
- bio-concentration factor (BCF):	No data available.			
12.4. Mobility in soil	Metho	d: No data ava	ilable.	
 Known or predicted distribution in environmental compartments: 	No data available.			
- surface tension:	No data available.			
- absorption/desorption:	Not applicable.			
- other physical and chemical properties	s: See section 9.			
12.5. Results of PBT and vPvB assess	sment			
- data from chemical safety report:	Product is not PBT a	nd vPvB.		
12.6. Other adverse effects:	No data available.			
13. DISPOSAL CONSIDERATIONS				
- Waste codes:	13 07 02*			
- Waste treatment methods:	If possible, the waste s waste shall be dispose legislation for waste dis	d of in accorda		
- Waste from residues:	Product has no class accidental release/ dis section 6.			
- Contaminated packaging:	Not applicable.			



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Product R	EFORMER FEED Date: 2016/12/15 Edition: 2
- Relevant provisions:	Act on Sustainable Waste Management, Regulation on waste catalogue, Regulation on was management.
14. TRANSPORT INFORMATION	
- UN proper shipping name:	PETROLEUM DISTILLATES, N.O.I. or PETROLEUM PRODUCTS, N.O.I.
- UN number:	1268
 Transport hazard class(es) 	
ADR/RID/ADN/ICAO/IATA:	3
IMDG:	3
- Packing group	
ADR/RID/ADN/IMDG/ICAO/IATA:	II
- Environmental hazards	
ADR, RID, ADN, ICAO/IATA:	Hazardous to environment.
IMDG:	Maritime pollutant.
- Special precautions for user	
ADR	RID
Transport category: 2	Transport category: 2
Vehicle for tank carriage: FL	Tank code: LGBF
Tank code: LGBF	Label: 3
Tunnel restriction code: (D/E)	Classification code: F1
Label: 3	Hazard identification: 33
Classification code: F1	Special provisions: 640D
Hazard identification: 33	
Special provisions: 640D, 363, 664.	
ADN	IMDG
Label: 3	Subsidiary risk: Maritime pollutant.
Additional requirements/Remarks: 14, 29.	27, Group of the cargo: Category B
Dangers: 3+(N1, N2, N3, CMR, F, S)	Special provisions: 363
Equipment required: PP, EP, EX, TO	K, A. EmS: F-E, S-E
Classification code: F1	Segregation group: Category B
Carriage permitted: YES	
Type of tank vessel: N/2	
Anti-explosion protection required: YE	S
Maximum degree of filling in %: 97	
ICAO	
Label:	3



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Cargo IMP cod	le:	RF	L				
Passenger and	l cargo aircrat	t: LQ	1L (PI Y34	I); 5L (PI 3	353)		
Cargo aircraft o	only:	60L	_ (PI 364)				
ERG code:		3H					
Transport in li Codex	iquid/bulk co	ndition according to	MARPOL C	conventio	n, Anne	x II and IB	SC
Trade name:				Not appli	cable.		
Pollution catego	ory (accordin	g to MARPOL, Annex I	I):	Not appli	cable.		
Vessel type (ad	ccording to IB	C Code):		Not appli	cable.		
Special and op	erative requir	ements (according to I	BC Code):	Not appli	cable.		
15. REGULAT		IATION					
- Applicable n	ational	EU Regulation No. 12 Council of December packaging of substand Chemicals Act; Regula	16th, 2008 (ces and mix	on classific tures.	cation, la	abelling and	d
regulations:	fety Assessi n informatio	Limit Values during W Sustainable Waste Ma Regulation on waste r nent carried out (CSA	ork and Bio anagement, managemen	Regulatio			jue,
regulations: - Chemical Sa - Authorization	fety Assessin n information	Limit Values during W Sustainable Waste Ma Regulation on waste r nent carried out (CSA	ork and Bio anagement, managemen	Regulatio t.	n on was	ste catalog	jue,
regulations: - Chemical Sa - Authorization - Restriction in 16. OTHER INI Revision indic	fety Assessi n information nformation: - FORMATION cators	Limit Values during W Sustainable Waste Ma Regulation on waste r nent carried out (CSA n: -	ork and Bio anagement, managemen	Regulatio t.	n on was	ste catalog	jue,
regulations: - Chemical Sa - Authorization - Restriction in 16. OTHER INI Revision indic Section:	fety Assessi n information nformation: - FORMATION cators Subj	Limit Values during W Sustainable Waste Ma Regulation on waste r nent carried out (CSA n: -	fork and Bio anagement, nanagemen A):	Regulatio t. YES	n on was	ste catalog	jue,
regulations: - Chemical Sa - Authorization - Restriction in 16. OTHER INI Revision indic Section: Completely new	fety Assessi n information nformation: - FORMATION cators Subj w edition of S	Limit Values during W Sustainable Waste Ma Regulation on waste r nent carried out (CSA n: -	fork and Bio anagement, nanagemen A):	Regulatio t. YES	n on was	ste catalog	jue,
regulations: - Chemical Sa - Authorization - Restriction in 16. OTHER INI Revision indic Section: Completely new Full text of H-	fety Assessi n information nformation: - FORMATION cators Subj w edition of S phrases, EU	Limit Values during W Sustainable Waste Ma Regulation on waste r nent carried out (CSA n: - ect of change: DS "Reformer feed", w H- and P-phrases:	fork and Bio anagement, nanagemen ():	Regulatio t. YES	n on was	ste catalog	jue,
regulations: - Chemical Sa - Authorization - Restriction in 16. OTHER INI Revision indic Section: Completely new Full text of H- H225	fety Assession information: FORMATION cators Subj w edition of S phrases, EU Highly f	Limit Values during W Sustainable Waste Ma Regulation on waste r nent carried out (CSA n: - ect of change: DS "Reformer feed", w H- and P-phrases: lammable liquid and va	ork and Bio anagement, nanagemen \): ith changes apour.	Regulatio t. YES	n on was	ste catalog	jue,
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Product	REFORMER FEED	Date: Edition:	2016/12/15 2
		Lution.	Ζ
P280	Wear protective gloves/protective clothing/eye pro	otection/fac	ce protection.
P331	Do NOT induce vomiting.		
P301+P310	IF SWALLOWED: Immediately call a POISON CE	NTER or o	doctor/physician
P403+P233	Store in a well-ventilated place. Keep container tig	ghtly close	d.
P501	Disposal of contents/container according to nation	nal regulati	ons.
Abbreviations and	l acronyms:		
ADN	European Agreement concerning the Internation Goods by Inland Waterways	nal Carriag	e of Dangerous
ADR	European Agreement concerning the Internation Goods by Road	nal Carriag	e of Dangerous
CAS number	Chemical Abstract Service number		
CLP	Classification, Labelling and Packaging of substar	nces and n	nixtures
CSA	Chemical Safety Assessment		
CSR	Chemical Safety Report		
EC number	European Community number for identification commercially available in the EU	n of chem	iical substances
ΙΑΤΑ	International Air Transport Association		
ICAO	International Civil Aviation Organization		
IMDG	International Maritime Dangerous Goods Code tra	ansport	
LC ₅₀	Lethal concentration for 50% of tested organisms		
LD ₅₀	Lethal concentration for 50% of tested or concentration)	ganisms	(medium lethal
OIN	Oil industry notes		
PBT	Persistent, bioaccumulative and toxic		
REACH	Registration, Evaluation, Authorisation and Restrie	ction of Ch	emicals
RID	Regulations Concerning the International Transpo Rail	ort of Dang	gerous Goods by
STOT (SE)	Specific Target Organ Toxicity (Single Exposure)		
STOT (RE)	Specific Target Organ Toxicity (Repeated Exposu	re)	
UVCB	Chemical Substances of Unknown or Variab Reaction Products and Biological Materials	le Compo	sition, Complex
vPvB	Very persistent and very bioaccumulative		
01-1			

Statement:

This SDS is in compliance with the EU Regulation No. 1907/2006 and No. 1272/2008 of the European Parliament and the Council. It contains important user health and safety and environmental protection information. The information provided herein is not a substitute for any specification of quality and should not be deemed as a guarantee of the adequacy and applicability of this product for any purpose whatsoever. All information provided herein is based on our current knowledge and compliant with applicable legal regulations. The user is responsible for adherence to relevant legal regulations.



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Product

REFORMER FEED

Date: Edition:

2

Data source:

APPENDIX: EXPOSURE SCENARIOS ACCORDING TO CHEMICAL SAFETY REPORT