

**Tracktek® 111 Racing Fuel (Blue)**

Version 1.1

Revision Date 2010-08-18

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name : Tracktek® 111 Racing Fuel (Blue)  
Material : 1021597, 1021598, 1021599, 1021600, 1021601, 1028685,  
1105591

Company : Chevron Phillips Chemical Company LP  
Specialty Chemicals  
10001 Six Pines Drive  
The Woodlands, TX 77380

Local : Chevron Phillips Chemicals International N.V.  
Brusselsesteenweg 355  
B-3090 Overijse  
Belgium

MSDS Requests: (800) 852-5530  
Technical Information: (832) 813-4862  
Responsible Party: Product Safety Group  
Email:msds@cpchem.com

**Emergency telephone:****Health:**

866.442.9628 (North America)  
1.832.813.4984 (International)

**Transport:**

North America: CHEMTREC 800.424.9300 or 703.527.3887  
Asia: +800 CHEMCALL (+800 2436 2255) China: 0532.8388.9090  
EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)  
South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600

Responsible Department : Product Safety and Toxicology Group  
E-mail address : MSDS@CPChem.com  
Website : www.CPChem.com

**2. HAZARDS IDENTIFICATION****Risk advice to man and the environment**

Highly flammable.  
Very toxic by inhalation, in contact with skin and if swallowed.  
May cause harm to the unborn child.  
May cause heritable genetic damage.  
Harmful: may cause lung damage if swallowed.  
Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
Possible risk of impaired fertility.  
Irritating to skin.  
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Danger of cumulative effects.

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May cause cancer.

**Labelling according to EC Directives****1999/45/EC**

Symbol(s)	: F T+ N	Highly flammable Very toxic Dangerous for the environment
R-phrases(s)	: R45 R46 R61 R26/27/28  R48/20  R65  R11 R33 R38 R50/53  R62	May cause cancer. May cause heritable genetic damage. May cause harm to the unborn child. Also very toxic by inhalation, in contact with skin and if swallowed. Also harmful: danger of serious damage to health by prolonged exposure through inhalation. Also harmful: may cause lung damage if swallowed. Highly flammable. Danger of cumulative effects. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility.
S-phrases(s)	: S53  S 9 S16  S28  S36/37  S45	Avoid exposure - obtain special instructions before use. Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing and gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazardous components which must be listed on the label:

- 64741-66-8 Naphtha, Petroleum, Light Alkylate
- 108-88-3 Toluene
- 106-97-8 n-Butane
- 78-00-2 Tetraethyl Lead

Special labelling of certain mixtures : Restricted to professional users.

**GHS-Classification**

: Acute toxicity, Category 3, Inhalation  
Acute toxicity, Category 5, Dermal  
Acute toxicity, Category 3, Oral  
Eye irritation, Category 2A  
Skin irritation, Category 2  
Germ cell mutagenicity, Category 1B  
Reproductive toxicity, Category 1A  
Specific target organ toxicity - single exposure, Category 1,

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Inhalation, Heart  
 Specific target organ toxicity - single exposure, Category 3  
 Specific target organ toxicity - repeated exposure, Category 1  
 Specific target organ toxicity - repeated exposure, Category 2,  
 Inhalation, Nervous system, Auditory organs  
 Aspiration hazard, Category 1  
 Acute aquatic toxicity, Category 1  
 Chronic aquatic toxicity, Category 1

**GHS-Labeling**

Symbol(s)



Signal word

: Danger

Hazard statements

: H301: Toxic if swallowed.  
 H304: May be fatal if swallowed and enters airways.  
 H313: May be harmful in contact with skin.  
 H315: Causes skin irritation.  
 H319: Causes serious eye irritation.  
 H331: Toxic if inhaled.  
 H335: May cause respiratory irritation.  
 H336: May cause drowsiness or dizziness.  
 H340: May cause genetic defects.  
 H360: May damage fertility or the unborn child.  
 H370: Causes damage to organs.  
 H370: Causes damage to organs (Heart) if inhaled.  
 H372: Causes damage to organs through prolonged or repeated exposure.  
 H373: May cause damage to organs (Nervous system, Auditory organs) through prolonged or repeated exposure if inhaled.  
 H410: Very toxic to aquatic life with long lasting effects.

Precautionary statements

: **Prevention:**  
 P202 Do not handle until all safety precautions have been read and understood.  
 Do not breathe dust/fume/gas/mist/vapor/spray.  
 P264 Wash face, hands and any exposed skin thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P273 Avoid release to the environment.  
**Response:**  
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P311 Call a POISON CENTER or doctor/physician.  
 P331 Do NOT induce vomiting.  
 P391 Collect spillage.  
**Storage:**  
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Synonyms : Racing Fuel  
B32

Molecular formula : Mixture

Chemical Name	CAS-No. / EINECS-No.	Concentration[%]
Naphtha, Petroleum, Light Alkylate	64741-66-8	30 - 60
Isoalkanes 7-8	70024-92-9	30 - 60
3,3-Dimethylpentane	562-49-2	30 - 60
Toluene	108-88-3	30 - 60
Isopentane	78-78-4	10 - 30
n-Butane	106-97-8	10 - 30
2,2,4-Trimethylpentane (Isooctane)	540-84-1	5 - 10
2,3-Dimethylpentane	565-59-3	1 - 5
2,4-Dimethylpentane	108-08-7	1 - 5
2,3,4-Trimethylpentane	565-75-3	1 - 5
2,3,3-Trimethylpentane	560-21-4	1 - 5
Tetraethyl Lead	78-00-2	0,1 - 1

**4. FIRST AID MEASURES**

- General advice : Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance. Symptoms of poisoning may only appear several hours later. Do not leave the victim unattended.
- Inhalation : Call a physician or poison control center immediately. Move to fresh air. If unconscious place in recovery position and seek medical advice.
- Skin contact : If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
- Eye contact : Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
- Ingestion : Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.

**5. FIRE-FIGHTING MEASURES**

- Flash point : -37 °C (-35 °F)
- Autoignition temperature : No data available
- Unsuitable extinguishing media : High volume water jet.

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- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Special protective equipment for fire-fighters : Wear self contained breathing apparatus for fire fighting if necessary.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Fire and explosion protection : Normal measures for preventive fire protection.
- Hazardous decomposition products : Hydrocarbons. Carbon oxides.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.
- Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE****Handling**

- Advice on safe handling : Avoid formation of aerosol. Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.

**Storage**

- Requirements for storage areas and containers : Prevent unauthorized access. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters****Chevron Phillips Chemical Company LP**

Components	Basis	Value	Control parameters	Note
Isoalkanes 7-8	Manufacturer	TWA	300 ppm,	
2,2,4-Trimethylpentane (Isooctane)	Manufacturer	TWA	300 ppm,	

**IT**

Componenti	Base	Valore	Parametri di controllo	Nota
Toluene	IT OEL	TWA	50 ppm, 192 mg/m <sup>3</sup>	Pelle,
Isopentane	IT OEL	TWA	667 ppm, 2.000 mg/m <sup>3</sup>	

Pelle La notazione "Pelle" attribuita ai valori limite di esposizione indica possibilità di assorbimento significa tivo attraverso la pelle.

**LT**

Komponentai	Pagrindas, bazė	Vertė	Kontroliniai parametrai	Pastaba
Toluene	LT OEL	IPRD	50 ppm, 192 mg/m <sup>3</sup>	O,
	LT OEL	TPRD	100 ppm, 384 mg/m <sup>3</sup>	O,
Isopentane	LT OEL	IPRD	1.000 ppm, 3.000 mg/m <sup>3</sup>	
Tetraethyl Lead	LT OEL	IPRD	0,05 mg/m <sup>3</sup>	O,
	LT OEL	TPRD	0,2 mg/m <sup>3</sup>	O,
2,3-Dimethylbutane	LT OEL	IPRD	200 ppm, 700 mg/m <sup>3</sup>	
	LT OEL	TPRD	300 ppm, 1.100 mg/m <sup>3</sup>	
2-Methylpentane	LT OEL	IPRD	200 ppm, 700 mg/m <sup>3</sup>	
	LT OEL	TPRD	300 ppm, 1.100 mg/m <sup>3</sup>	
3-Methylpentane	LT OEL	IPRD	200 ppm, 700 mg/m <sup>3</sup>	
	LT OEL	TPRD	300 ppm, 1.100 mg/m <sup>3</sup>	

O Oksiduojanti

**LU**

Composants	Base	Valeur	Paramètres de contrôle	Note
Tetraethyl Lead	LU OEL	TWA	0,15 mg/m <sup>3</sup>	

**LV**

Sastāvdaļas	Bāze	Vērtība	Kontroles parametri	Piezīme
Toluene	LV OEL	AER 8 st	14 ppm, 50 mg/m <sup>3</sup>	Āda,
	LV OEL	AER īslaicīgā	40 ppm, 150 mg/m <sup>3</sup>	Āda,
Isopentane	LV OEL	AER 8 st	1.000 ppm, 3.000 mg/m <sup>3</sup>	
n-Butane	LV OEL	AER 8 st	300 mg/m <sup>3</sup>	
Tetraethyl Lead	LV OEL	AER 8 st	0,005 mg/m <sup>3</sup>	

Āda Āda

**NL**

Bestanddelen	Basis	Waarde	Controleparameters	Opmerking
Toluene	NL MAC	TGG-8 uur	150 mg/m <sup>3</sup>	
	NL MAC	TGG-15 min	384 mg/m <sup>3</sup>	
Isopentane	NL MAC	TGG-8 uur	1.800 mg/m <sup>3</sup>	

**PL**

Składniki	Podstawa	Wartość	Parametry kontrolne	Uwaga
Toluene	PL OEL	NDS	100 mg/m <sup>3</sup>	
	PL OEL	NDSch	200 mg/m <sup>3</sup>	
Isopentane	PL OEL	NDS	3.000 mg/m <sup>3</sup>	
n-Butane	PL OEL	NDS	1.900 mg/m <sup>3</sup>	
	PL OEL	NDSch	3.000 mg/m <sup>3</sup>	
Tetraethyl Lead	PL OEL	NDS	0,05 mg/m <sup>3</sup>	
	PL OEL	NDSch	0,1 mg/m <sup>3</sup>	
2,3-Dimethylbutane	PL OEL	NDS	400 mg/m <sup>3</sup>	
	PL OEL	NDSch	1.200 mg/m <sup>3</sup>	
2-Methylpentane	PL OEL	NDS	400 mg/m <sup>3</sup>	
	PL OEL	NDSch	1.200 mg/m <sup>3</sup>	
3-Methylpentane	PL OEL	NDS	400 mg/m <sup>3</sup>	
	PL OEL	NDSch	1.200 mg/m <sup>3</sup>	

**PT**

Componentes	Bases	Valor	Parâmetros de controle	Nota
Toluene	PT OEL	VLE-MP	50 ppm,	(1), P, A4, IBE, ( ),
Isopentane	PT OEL	VLE-MP	600 ppm,	(1),
n-Butane	PT OEL	VLE-MP	1.000 ppm,	

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Tetraethyl Lead	PT OEL	VLE-MP	0,1 mg/m3	P, A4,
2,3-Dimethylpentane	PT OEL	VLE-MP	400 ppm,	(1),
	PT OEL	VLE_CD	500 ppm,	(1),
2,4-Dimethylpentane	PT OEL	VLE-MP	400 ppm,	(1),
	PT OEL	VLE_CD	500 ppm,	(1),
2,3-Dimethylbutane	PT OEL	VLE-MP	500 ppm,	
	PT OEL	VLE_CD	1.000 ppm,	
2-Methylpentane	PT OEL	VLE-MP	500 ppm,	
	PT OEL	VLE_CD	1.000 ppm,	
3-Methylpentane	PT OEL	VLE-MP	500 ppm,	
	PT OEL	VLE_CD	1.000 ppm,	

( ) Os valores ou características encontram-se propostos para alteração

(1) Abrangido por legislação nacional específica ou por legislação comunitária não transposta

A4 Agentes não classificáveis como carcinogénicos no Homem

IBE Identifica substâncias para as quais existem índices de exposição biológicos. Estes podem ser de dois tipos: IBE A referentes a pesticidas inibidores da acetilcolinesterase e IBE M indutores de metahemoglobina.

P Perigo de absorção cutânea

## SE

Beständsdelar	Grundval	Vara	Kontrollparametrar	Anmärkning
Toluene	SE AFS	NGV	50 ppm, 200 mg/m3	H,
	SE AFS	KTV	100 ppm, 400 mg/m3	H,
Isopentane	SE AFS	NGV	600 ppm, 1.800 mg/m3	
	SE AFS	KTV	750 ppm, 2.000 mg/m3	
Tetraethyl Lead	SE AFS	NGV	0,5 mg/m3	H, R,
	SE AFS	KTV	0,2 mg/m3	H, R,
2,3-Dimethylbutane	SE AFS	NGV	200 ppm, 700 mg/m3	
	SE AFS	KTV	300 ppm, 1.100 mg/m3	
2-Methylpentane	SE AFS	NGV	200 ppm, 700 mg/m3	
	SE AFS	KTV	300 ppm, 1.100 mg/m3	
3-Methylpentane	SE AFS	NGV	200 ppm, 700 mg/m3	
	SE AFS	KTV	300 ppm, 1.100 mg/m3	

H Ämnet kan lätt upptas genom huden.

R Ämnet är reproduktionsstörande.

## SI

Komponente	Osnova	Vrednost	Kontrolni parametri	Pripomba
Toluene	SI OEL	MV	50 ppm, 192 mg/m3	K, EU, BAT,
Isopentane	SI OEL	MV	1.000 ppm, 3.000 mg/m3	EU,
n-Butane	SI OEL	MV	1.000 ppm, 2.400 mg/m3	
Tetraethyl Lead	SI OEL	MV	0,05 mg/m3	K, BAT,
2,3-Dimethylbutane	SI OEL	MV	200 ppm, 720 mg/m3	
2-Methylpentane	SI OEL	MV	200 ppm, 720 mg/m3	
3-Methylpentane	SI OEL	MV	200 ppm, 720 mg/m3	

BAT Biološka mejna vrednost - določena je biološka mejna vrednost, ki pomeni opozorilno raven nevarne kemične snovi in njenih metabolitov v tkivih, telesnih tekočinah ali izdihanem zraku, ne glede na to, ali je nevarna kemična snov vnesena v organizem z vdihavanjem, zaužitjem ali skozi kožo

EU European Union - mejna vrednost določena na ravni Evropske unije

K Lastnost lažjega prehanja snovi v organizem skozi kožo

## SK

Súčasť	Podstata	Hodnota	Kontrolné parametre	Poznámka
Toluene	SK OEL	NPEL	50 ppm, 192 mg/m3	K,
	SK OEL	CEIL	384 mg/m3	K,
Isopentane	SK OEL	NPEL	1.000 ppm, 3.000 mg/m3	
n-Butane	SK OEL		1.000 ppm, 2.400 mg/m3	1, 2,
Tetraethyl Lead	SK OEL	NPEL	0,05 mg/m3	K, Kategória II,
	SK OEL	CEIL	0,1 mg/m3	K, Kategória II,
2,3-Dimethylbutane	SK OEL	NPEL	200 ppm, 720 mg/m3	Kategória II,
	SK OEL	CEIL	1.440 mg/m3	Kategória II,
2-Methylpentane	SK OEL	NPEL	200 ppm, 720 mg/m3	Kategória II,
	SK OEL	CEIL	1.440 mg/m3	Kategória II,
3-Methylpentane	SK OEL	NPEL	200 ppm, 720 mg/m3	Kategória II,
	SK OEL	CEIL	1.440 mg/m3	Kategória II,

1 Kategória 1: Dokázaný karcinogén pre ľudí

2 Kategória 2: Pravdepodobný mutagén

K Znamená, že faktor môže byť ľahko absorbovaný kožou. Niektoré faktory, ktoré ľahko prenikajú kožou, môžu spôsobovať až smrteľné otravy, často bez varovných príznakov (napr. anilín, nitrobenzén, nitroglykol, fenoly a pod.). Pri látkach s významným prienikom cez kožu, či už v podobe kvapalín alebo pár, je osobitne dôležité zabrániť kožnému kontaktu.

Kategória II Faktory so systémovými účinkami. Trvanie piky: 15 minút priemerná hodnota. Frekvencia za zmenu: 4. Interval medzi pikmi: 1 hodina. Kategória II znamená, že NPEL môže byť krátkodobo prekročený maximálne 2- 8 krát za zmenu. Maximálne trvanie priemernej pikovej expozície nesmie presiahnuť 15 minút 4-krát za zmenu v intervale jednej hodiny medzi pikmi, pričom priemerný NPEL za 8-hodinovú zmenu musí byť dodržaný.

## IE

Components	Basis	Value	Control parameters	Note
Toluene	IE OEL	OELV - 8 hrs (TWA)	50 ppm, 188 mg/m3	Sk,

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	IE OEL	OELV - 15 min (STEL)	100 ppm, 560 mg/m3	Sk,
Isopentane	IE OEL	OELV - 8 hrs (TWA)	600 ppm, 1.800 mg/m3	
	IE OEL	OELV - 15 min (STEL)	750 ppm, 2.250 mg/m3	
n-Butane	IE OEL	OELV - 8 hrs (TWA)	600 ppm, 1.430 mg/m3	
	IE OEL	OELV - 15 min (STEL)	750 ppm, 1.780 mg/m3	
Tetraethyl Lead	IE OEL	OELV - 8 hrs (TWA)	0,1 mg/m3	Sk, Repro 1,
2,3-Dimethylbutane	IE OEL	OELV - 8 hrs (TWA)	500 ppm, 1.800 mg/m3	
	IE OEL	OELV - 15 min (STEL)	1.000 ppm, 3.600 mg/m3	
2-Methylpentane	IE OEL	OELV - 8 hrs (TWA)	500 ppm, 1.800 mg/m3	
	IE OEL	OELV - 15 min (STEL)	1.000 ppm, 3.600 mg/m3	
3-Methylpentane	IE OEL	OELV - 8 hrs (TWA)	500 ppm, 1.800 mg/m3	
	IE OEL	OELV - 15 min (STEL)	1.000 ppm, 3.600 mg/m3	

Repro 1 Substances known to be toxic for reproduction for man (Category 1 reproductive toxins)

Sk Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body

## AT

Inhaltsstoffe	Basis	Wert	Grenzwerte	Bemerkung
Toluene	AT OEL	TMW	50 ppm, 190 mg/m3	H,
	AT OEL	KZW	100 ppm, 380 mg/m3	H,
Isopentane	AT OEL	TMW	600 ppm, 1.800 mg/m3	
	AT OEL	KZW	1.200 ppm, 3.600 mg/m3	
n-Butane	AT OEL	TMW	800 ppm, 1.900 mg/m3	
	AT OEL	KZW	1.600 ppm, 3.800 mg/m3	
Tetraethyl Lead	AT OEL	TMW	0,05 mg/m3	H,
	AT OEL	KZW	0,2 mg/m3	H,
2,3-Dimethylbutane	AT OEL	TMW	200 ppm, 700 mg/m3	
	AT OEL	KZW	800 ppm, 2.800 mg/m3	
2-Methylpentane	AT OEL	TMW	200 ppm, 700 mg/m3	
	AT OEL	KZW	800 ppm, 2.800 mg/m3	
3-Methylpentane	AT OEL	TMW	200 ppm, 700 mg/m3	
	AT OEL	KZW	800 ppm, 2.800 mg/m3	

H Besondere Gefahr der Hautresorption

## BE

Bestanddelen	Basis	Waarde	Controleparameters	Opmerking
Toluene	BE OEL	TGG 8 hr	50 ppm, 192 mg/m3	D,
	BE OEL	TGG 15 min	100 ppm, 384 mg/m3	D,
Isopentane	BE OEL	TGG 8 hr	600 ppm, 1.800 mg/m3	
	BE OEL	TGG 15 min	750 ppm, 2.250 mg/m3	
n-Butane	BE OEL	TGG 8 hr	1.000 ppm,	
Tetraethyl Lead	BE OEL	TGG 8 hr	0,1 mg/m3	D,
2,3-Dimethylbutane	BE OEL	TGG 8 hr	500 ppm, 1.786 mg/m3	
	BE OEL	TGG 15 min	1.000 ppm, 3.551 mg/m3	
2-Methylpentane	BE OEL	TGG 8 hr	500 ppm, 1.786 mg/m3	
	BE OEL	TGG 15 min	1.000 ppm, 3.551 mg/m3	
3-Methylpentane	BE OEL	TGG 8 hr	500 ppm, 1.786 mg/m3	
	BE OEL	TGG 15 min	1.000 ppm, 3.551 mg/m3	

D Opname van het agens via de huid, de slijmvliezen of de ogen vormt een belangrijk deel van de totale blootstelling. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.

## CZ

Složky	Základ	Hodnota	Mezní hodnoty	Poznámka
Toluene	CZ OEL	PEL	200 mg/m3	D,
	CZ OEL	NPK-P	500 mg/m3	D,
Isopentane	CZ OEL	PEL	3.000 mg/m3	*,
	CZ OEL	NPK-P	4.500 mg/m3	*,
Tetraethyl Lead	CZ OEL	PEL	0,05 mg/m3	*, D, P*,
	CZ OEL	NPK-P	0,1 mg/m3	*, D, P*,
2,3-Dimethylbutane	CZ OEL	PEL	1.000 mg/m3	D,
	CZ OEL	NPK-P	2.000 mg/m3	D,
2-Methylpentane	CZ OEL	PEL	1.000 mg/m3	D,
	CZ OEL	NPK-P	2.000 mg/m3	D,
3-Methylpentane	CZ OEL	PEL	1.000 mg/m3	D,
	CZ OEL	NPK-P	2.000 mg/m3	D,

\* u NPK-P brán zřetel na fyzikálně-chemické vlastnosti (například výbušnost).

D Při expozici se významně uplatňuje pronikání látky kůží

P\* Pro hodnocení expozice je rozhodující výsledek vyšetření plumbaemie

## DE

Inhaltsstoffe	Basis	Wert	Grenzwerte	Bemerkung
Toluene	DE TRGS 900	AGW	50 ppm, 190 mg/m3	DFG, H, Y,
Isopentane	DE TRGS 900	AGW	1.000 ppm, 3.000 mg/m3	DFG,
n-Butane	DE TRGS 900	AGW	1.000 ppm, 2.400 mg/m3	DFG,
Tetraethyl Lead	DE TRGS 900	AGW	0,05 mg/m3	DFG, 10, H,
2,3-Dimethylbutane	DE TRGS 900	AGW	200 ppm, 720 mg/m3	DFG,

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2-Methylpentane	DE TRGS 900	AGW	200 ppm, 720 mg/m3	DFG,
3-Methylpentane	DE TRGS 900	AGW	200 ppm, 720 mg/m3	DFG,

10 Der Arbeitsplatzgrenzwert bezieht sich auf den Elementgehalt des entsprechenden Metalls.  
 DFG Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission)  
 H Hautresorptiv  
 Y Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden

## DK

Komponenter	Basis	Værdi	Kontrolparametre	Note
Toluene	DK OEL	GV	25 ppm, 94 mg/m3	H, E,
Isopentane	DK OEL	GV	500 ppm, 1.500 mg/m3	E,
n-Butane	DK OEL	GV	500 ppm, 1.200 mg/m3	
Tetraethyl Lead	DK OEL	GV	0,007 ppm, 0,05 mg/m3	H,
2,3-Dimethylbutane	DK OEL	GV	200 ppm, 700 mg/m3	
2-Methylpentane	DK OEL	GV	200 ppm, 700 mg/m3	
3-Methylpentane	DK OEL	GV	200 ppm, 700 mg/m3	

E At stoffet har en EF-grænseværdi  
 H Betyder, at stoffet kan optages gennem huden.

## EE

Komponendid, osad	Alused	Väärtus	Kontrollparameetrid	Märkused
Toluene	EE OEL	Piirnorm	50 ppm, 192 mg/m3	A,
	EE OEL	Lühiajalise kokkupuute piirnorm	100 ppm, 384 mg/m3	A,
Isopentane	EE OEL	Piirnorm	1.000 ppm, 3.000 mg/m3	
n-Butane	EE OEL	Piirnorm	800 ppm, 1.500 mg/m3	
Tetraethyl Lead	EE OEL	Piirnorm	0,05 mg/m3	A, R,
	EE OEL	Lühiajalise kokkupuute piirnorm	0,2 mg/m3	A, R,
2,3-Dimethylbutane	EE OEL	Piirnorm	200 ppm, 700 mg/m3	
	EE OEL	Lühiajalise kokkupuute piirnorm	300 ppm, 1.100 mg/m3	
2-Methylpentane	EE OEL	Piirnorm	200 ppm, 700 mg/m3	
	EE OEL	Lühiajalise kokkupuute piirnorm	300 ppm, 1.100 mg/m3	
3-Methylpentane	EE OEL	Piirnorm	200 ppm, 700 mg/m3	
	EE OEL	Lühiajalise kokkupuute piirnorm	300 ppm, 1.100 mg/m3	

A Naha kaudu kergesti absorbeeruvad ained  
 R Reproduktiivset funktsiooni kahjustavad ained

## ES

Componentes	Base	Valor	Parámetros de control	Nota
Toluene	ES VLA	VLA-ED	50 ppm, 192 mg/m3	vía dérmica, r, VLB, VLI,
	ES VLA	VLA-EC	100 ppm, 384 mg/m3	vía dérmica, r, VLB, VLI,
Isopentane	ES VLA	VLA-ED	1.000 ppm, 3.000 mg/m3	VLI,
n-Butane	ES VLA	VLA-ED	1.000 ppm,	
Tetraethyl Lead	ES VLA	VLA-ED	0,1 mg/m3	vía dérmica, TR1,
2,3-Dimethylbutane	ES VLA	VLA-ED	500 ppm, 1.790 mg/m3	
	ES VLA	VLA-EC	1.000 ppm, 3.580 mg/m3	
2-Methylpentane	ES VLA	VLA-ED	500 ppm, 1.790 mg/m3	
	ES VLA	VLA-EC	1.000 ppm, 3.580 mg/m3	
3-Methylpentane	ES VLA	VLA-ED	500 ppm, 1.790 mg/m3	
	ES VLA	VLA-EC	1.000 ppm, 3.580 mg/m3	

r Esta sustancia tiene establecidas limitaciones a la comercialización y al uso en el Real Decreto 1406/1989 (BOE nº 278 de 20 de noviembre), de 10 de noviembre de 1989, y modificaciones y órdenes complementarias posteriores, por el que se imponen limitaciones a la comercialización y al uso de ciertas sustancias y preparados peligrosos.  
 TR1 Sustancia perjudicial para la fertilidad de los seres humanos o produce toxicidad para el desarrollo.  
 vía dérmica Piel  
 VLB Agente químico que tiene Valor Límite Biológico específico en este documento.  
 VLI Agente químico que tiene establecido un valor límite indicativo por la UE.

## FI

Aineosat	Peruste	Arvo	Tarkistusparametrit	Nota
3,3-Dimethylpentane	FI OEL	HTP-arvot 8h	300 ppm, 1.200 mg/m3	
	FI OEL	HTP-arvot 15 min	500 ppm, 2.100 mg/m3	
Toluene	FI OEL	HTP-arvot 8h	50 ppm, 190 mg/m3	iho, -,
	FI OEL	HTP-arvot 15 min	100 ppm, 380 mg/m3	iho, -,
Isopentane	FI OEL	HTP-arvot 8h	500 ppm, 1.500 mg/m3	
	FI OEL	HTP-arvot 15 min	630 ppm, 1.900 mg/m3	
n-Butane	FI OEL	HTP-arvot 8h	800 ppm, 1.900 mg/m3	
	FI OEL	HTP-arvot 15 min	1.000 ppm, 2.400 mg/m3	
Tetraethyl Lead	FI OEL	HTP-arvot 8h	0,075 mg/m3	iho,
	FI OEL	HTP-arvot 15 min	0,23 mg/m3	iho,

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2,2,4-Trimethylpentane (Isooctane)	FI OEL	HTP-arvot 8h	300 ppm, 1.400 mg/m <sup>3</sup>
	FI OEL	HTP-arvot 15 min	380 ppm, 1.800 mg/m <sup>3</sup>
2,3-Dimethylpentane	FI OEL	HTP-arvot 8h	300 ppm, 1.200 mg/m <sup>3</sup>
	FI OEL	HTP-arvot 15 min	500 ppm, 2.100 mg/m <sup>3</sup>
2,4-Dimethylpentane	FI OEL	HTP-arvot 8h	300 ppm, 1.200 mg/m <sup>3</sup>
	FI OEL	HTP-arvot 15 min	500 ppm, 2.100 mg/m <sup>3</sup>
2,3,4-Trimethylpentane	FI OEL	HTP-arvot 8h	300 ppm, 1.400 mg/m <sup>3</sup>
	FI OEL	HTP-arvot 15 min	380 ppm, 1.800 mg/m <sup>3</sup>
2,3-Dimethylbutane	FI OEL	HTP-arvot 8h	500 ppm, 1.800 mg/m <sup>3</sup>
	FI OEL	HTP-arvot 15 min	630 ppm, 2.300 mg/m <sup>3</sup>
2-Methylpentane	FI OEL	HTP-arvot 8h	500 ppm, 1.800 mg/m <sup>3</sup>
	FI OEL	HTP-arvot 15 min	630 ppm, 2.300 mg/m <sup>3</sup>
3-Methylpentane	FI OEL	HTP-arvot 8h	500 ppm, 1.800 mg/m <sup>3</sup>
	FI OEL	HTP-arvot 15 min	630 ppm, 2.300 mg/m <sup>3</sup>

- Aietaan tarkistaa tai muuttaa seuraavaan painokseen

iho Ihon läpi imeytyvien aineiden elimistöön joutuvia määriä ja elimistöön joutuneesta aineesta aiheutuvaa vaaraa ei voida näin ollen arvioida pelkästään ilmapitoisuuksien avulla. Tämän vuoksi näiden aineiden HTP-arvojen yhteyteen on huomautussarakkeeseen otettu ihon läpi imeytymisen osoittamiseksi merkintä 'iho'. Monet aineet, varsinkin voimakkaat hapot tai emäkset, voivat aiheuttaa iholle jouduttuaan ihon ärsyttymistä tai syöpymistä.

## FR

Composants	Base	Valeur	Paramètres de contrôle	Note
Toluene	FR VLE	VME	50 ppm, 192 mg/m <sup>3</sup>	*, R3, zwart/vet,
	FR VLE	VLCT (VLE)	100 ppm, 384 mg/m <sup>3</sup>	*, R3, zwart/vet,
Isopentane	FR VLE	VME	1.000 ppm, 3.000 mg/m <sup>3</sup>	blauw/vet,
n-Butane	FR VLE	VME	800 ppm, 1.900 mg/m <sup>3</sup>	normal,
Tetraethyl Lead	FR VLE	VME	0,1 mg/m <sup>3</sup>	*, R1, R3, normal,
2,3-Dimethylbutane	FR VLE	VME	500 ppm, 1.800 mg/m <sup>3</sup>	normal,
2-Methylpentane	FR VLE	VME	500 ppm, 1.800 mg/m <sup>3</sup>	normal,
3-Methylpentane	FR VLE	VME	500 ppm, 1.800 mg/m <sup>3</sup>	normal,

\* Risque de pénétration percutanée

blauw/vet Valeurs limites réglementaires indicatives

normal Valeurs limites indicatives

R1 Substances que l'on sait être toxiques pour la reproduction pour l'homme

R3 Substances préoccupants pour l'homme en raison d'effets toxiques pour la reproduction possibles

zwart/vet Valeurs limites réglementaires contraignantes

## GB

Components	Basis	Value	Control parameters	Note
Toluene	GB EH40	TWA	50 ppm, 191 mg/m <sup>3</sup>	Sk,
	GB EH40	STEL	100 ppm, 384 mg/m <sup>3</sup>	Sk,
Isopentane	GB EH40	TWA	600 ppm, 1.800 mg/m <sup>3</sup>	2,
n-Butane	GB EH40	TWA	600 ppm, 1.450 mg/m <sup>3</sup>	Carc,
	GB EH40	STEL	750 ppm, 1.810 mg/m <sup>3</sup>	Carc,
Tetraethyl Lead	GB EH40	CEIL	0,1 mg/m <sup>3</sup>	59, 60, 61, 62, 49,

2 Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used

49 Substances and processes capable of causing cancer and/or heritable genetic damage

59 The occupational exposure limits for lead are set out in the Control of Lead at Work Regulations 2002 (CLAW).

60 The limits are 8-hour TWA concentrations as follows: (a) in relation to lead other than lead alkyls, a concentration of lead in the atmosphere to which any employee is exposed of 0,15 mg/m<sup>3</sup>; and (b) in relation to lead alkyls, a concentration of lead in the atmosphere to which any employee is exposed of 0,10 mg/m<sup>3</sup>. When determining lead-in-air concentrations for comparison with the occupational exposure limits, the method referred to in regulation 9 of CLAW described in "Control of lead at work. Control

61 Unlike the former lead-in-air standards which could be exceeded in certain specified circumstances, the exposure limits for lead are ceiling limits which not be exceeded when calculated as time-weighted averages over 8 hours.

62 As far as exposure by inhalation is concerned, control is considered adequate when exposure does not exceed the appropriate exposure limit. It should be remembered that other routes of exposure to lead are also important, e.g. ingestion, or contact with the skin where there is exposure to lead alkyls.

Carc Capable of causing cancer and/or heritable genetic damage. The identified substances include those which: - are assigned the risk phrases 'R45: May cause cancer'; 'R46: may cause heritable genetic damage'; 'R49: May cause cancer by inhalation' or - a substance or process listed in Schedule 1 of COSHH.

Sk Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

## GR

Συστατικά	Βάση	Τιμή	Οριακές τιμές	Σημείωση
Toluene	GR OEL	TWA	50 ppm, 192 mg/m <sup>3</sup>	Δ,
	GR OEL	STEL	100 ppm, 384 mg/m <sup>3</sup>	Δ,
Isopentane	GR OEL	TWA	1.000 ppm, 2.950 mg/m <sup>3</sup>	
n-Butane	GR OEL	TWA	1.000 ppm, 2.350 mg/m <sup>3</sup>	
Tetraethyl Lead	GR OEL	TWA	0,1 mg/m <sup>3</sup>	Δ,
2,3-Dimethylbutane	GR OEL	TWA	500 ppm, 1.800 mg/m <sup>3</sup>	
	GR OEL	STEL	1.000 ppm, 3.600 mg/m <sup>3</sup>	
2-Methylpentane	GR OEL	TWA	500 ppm, 1.800 mg/m <sup>3</sup>	
	GR OEL	STEL	1.000 ppm, 3.600 mg/m <sup>3</sup>	
3-Methylpentane	GR OEL	TWA	500 ppm, 1.800 mg/m <sup>3</sup>	
	GR OEL	STEL	1.000 ppm, 3.600 mg/m <sup>3</sup>	

Δ Η ένδειξη "δέρμα" (Δ), η οποία επισημαίνει ορισμένους χημικούς παράγοντες του πίνακα της παρ. 1 του άρθρου 3, υπονοεί την

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πιθανή συμβολή στην συνολική έκθεση του εργαζόμενου και της ποσότητας αυτών των χημικών παραγόντων που απορροφάται διαμέσου του δέρματος κατά την άμεση επαφή μαζί τους.

**HU**

Komponensek	Bázis	Érték	Határértékek	Megjegyzés
Toluene	HU OEL	AK-érték	190 mg/m <sup>3</sup>	b, EU2, i,
	HU OEL	CK-érték	380 mg/m <sup>3</sup>	b, EU2, i,
Isopentane	HU OEL	AK-érték	3.000 mg/m <sup>3</sup>	EU2,
	HU OEL	CK-érték	9.400 mg/m <sup>3</sup>	
n-Butane	HU OEL	AK-érték	2.350 mg/m <sup>3</sup>	
	HU OEL	CK-érték	9.400 mg/m <sup>3</sup>	
Tetraethyl Lead	HU OEL	AK-érték	0,05 mg/m <sup>3</sup>	b, i,
	HU OEL	CK-érték	0,2 mg/m <sup>3</sup>	b, i,

- b Bőrön át is felszívódik. Az AK-értékek a veszélyes anyagoknak ezt a tulajdonságát, illetve az ebből származó expozíciót csak a levegőben megengedett koncentrációjuk mértékének megfelelően veszik figyelembe  
EU2 96/94/EK irányelvben közölt érték
- i Ingerlő anyag (izgatja a bőrt, nyálkahártyát, szemet vagy mindhámat)

**Personal protective equipment**

- Respiratory protection : In the case of vapor formation use a respirator with an approved filter.
- Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water. Tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke. Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

- Form : Liquid
- Color : Various
- Odor : see user defined free text

**Safety data**

- Flash point : -37 °C (-35 °F)
- Lower explosion limit : No data available
- Upper explosion limit : No data available
- Oxidizing properties : No
- Autoignition temperature : No data available
- Molecular formula : Mixture

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Molecular Weight	: No data available
pH	: Not applicable
Pour point	: No data available
	: 29 - 149 °C (84 - 300 °F)
Vapor pressure	: 5,30 - 6,70 PSI at 38 °C (100 °F)
Water solubility	: Negligible
Partition coefficient: n-octanol/water	: No data available
Viscosity, kinematic	: No data available
Relative vapor density	: 3 (Air = 1.0)
Evaporation rate	: No data available
Percent volatile	: No data available

**10. STABILITY AND REACTIVITY**

Conditions to avoid	: See section 7.
Materials to avoid	: May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Other data	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. No decomposition if stored and applied as directed.

**11. TOXICOLOGICAL INFORMATION**

<b>Product</b>	
Acute oral toxicity	: LD50: 183 mg/kg Species: rat
<b>Product</b>	
Acute inhalation toxicity	: LC50: 4,7 mg/l Exposure time: 4 HR Species: rat
<b>Product</b>	
Acute dermal toxicity	: LD50: 4.815 mg/kg Species: rabbit
<b>Product</b>	
Skin irritation	: Irritating to skin.

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: May cause skin irritation in susceptible persons.

**Product**

Eye irritation

: May cause irreversible eye damage.

**Sensitization**

Naphtha, Petroleum, Light

Alkylate

Toluene

: Did not cause sensitization on laboratory animals.

: Did not cause sensitization on laboratory animals.

**Repeated dose toxicity**

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- Naphtha, Petroleum, Light Alkylate : Species: rabbit  
Application Route: Dermal  
Dose: 0, 200, 1000, 2000 mg/kg  
Exposure time: 4 wk  
Number of exposures: 3 times/wk  
NOEL: 1.000 mg/kg  
Lowest observable effect level: 2.000 mg/kg
- : Species: rat  
Application Route: Inhalation  
Dose: 0, 668, 2220, 6646 ppm  
Exposure time: 12 wk  
Number of exposures: 5 d/wk  
NOEL: 6,646 ppm
- Isoalkanes 7-8 : Species: rat  
Application Route: Inhalation  
Dose: 0, 385, 1180 ppm  
Exposure time: 12 wk  
Number of exposures: 6 hr/d, 5 d/wk  
NOEL: > 1180 ppm
- Toluene : Species: rat  
Application Route: Inhalation  
Dose: 0, 100, 625, 1250, 3000 ppm  
Exposure time: 15 wk  
Number of exposures: 6.5 h/d, 5 d/wk  
NOEL: 625 ppm
- : Species: mouse  
Application Route: Inhalation  
Dose: 0, 100, 625, 1250, 3000 ppm  
Exposure time: 14 wk  
Number of exposures: 6.5 h/d, 5 d/wk  
NOEL: 100 ppm
- Isopentane : Species: rat  
Application Route: Inhalation  
Dose: 1, 1000, 4500 ppm  
Exposure time: 13 wk  
Number of exposures: 6 h/d, 5 d/wk  
NOEL: 2250 ppm
- n-Butane : Species: rat  
Application Route: Inhalation  
Dose: 0, 1017, 4489 ppm  
Exposure time: 90 day  
Number of exposures: 6 h/d, 5 d/wk  
NOEL: 4489 ppm  
Test substance: see user defined free text
- 2,2,4-Trimethylpentane (Isooctane) : Species: rat  
Application Route: oral gavage  
Dose: 0, 50, 100, 200, 500 mg/kg  
Exposure time: 21 day  
Number of exposures: daily

**Carcinogenicity**

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Naphtha, Petroleum, Light Alkylate : Species: mouse  
Dose: 50 uL  
Exposure time: 2 yrs  
Number of exposures: twice/wk  
Remarks: no increase incidence of tumors

Toluene : Species: rat  
Dose: 0, 600, 1200 ppm  
Exposure time: 2 yrs  
Number of exposures: 6.5 h/d, 5 d/wk  
Remarks: no evidence of carcinogenicity

: Species: mouse  
Dose: 0, 600, 1200 ppm  
Exposure time: 2 yrs  
Number of exposures: 6.5 h/d, 5 d/wk  
Remarks: no evidence of carcinogenicity

**Reproductive toxicity**

Naphtha, Petroleum, Light Alkylate : Species: rat  
Application Route: Inhalation  
Dose: 0, 5.1, 12.5, 24.7 mg/L  
Number of exposures: 6 h/d, 7 d/wk  
Test period: 7 wks

: Species: rat  
Application Route: Inhalation  
Dose: 0, 5.1, 12.5, 24.7 mg/L  
Number of exposures: 6 h/d, 7 d/wk  
Test period: 8 wks

Toluene : Species: rat  
Application Route: Inhalation  
Dose: 0, 100, 500, 2000 ppm  
Test period: 95 d

**Teratogenicity**

Toluene : Species: rat  
Application Route: Inhalation  
Dose: 0, 100, 500, 2000 ppm  
Test period: 95 d

Tetraethyl Lead : Species: rat  
Application Route: oral gavage  
Dose: 0, 0.01, 0.1, 1, 10 mg/kg  
Test period: GD 6-16

**Product**

Aspiration toxicity : May be fatal if swallowed and enters airways.  
Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.

**Product**

Further information : Concentrations substantially above the TLV value may cause

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narcotic effects. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Solvents may degrease the skin.

**12. ECOLOGICAL INFORMATION****Ecotoxicity effects**

- Toxicity to fish : LC50: 1,66 mg/l  
Exposure time: 96 HR  
Species: Salmo gairdneri (Rainbow trout)
- Toxicity to daphnia and other aquatic invertebrates. : EC50: 0,52 mg/l  
Exposure time: 48 HR  
Species: Daphnia magna (Water flea)
- Toxicity to algae : EC50: 1,98 mg/l  
Exposure time: 72 HR  
Species: Selenastrum capricornutum (algae)

**Elimination information (persistence and degradability)****Bioaccumulation**

- Isopentane : Accumulation in aquatic organisms is unlikely.
- Biodegradability : Expected to be biodegradable

**Further information on ecology**

- Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

**13. DISPOSAL CONSIDERATIONS**

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

- Product : The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
- Contaminated packaging : Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition). Consult the appropriate domestic or international

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mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the MSDS and the bill of lading.

**USDOT**

UN1203, GASOLINE, 3, II

**IMO / IMDG**

UN1203, GASOLINE, 3, II, (-37 °C)

**IATA**

UN1203, GASOLINE, 3, II

**ADR**

UN1203, MOTOR SPIRIT, 3, II

**RID**

UN1203, GASOLINE, 3, II

**15. REGULATORY INFORMATION****National legislation**

Major Accident Hazard Legislation	: 96/82/EC Very toxic 1 Quantity 1: 5 t Quantity 2: 20 t	Update: 2003
	: 96/82/EC Highly flammable 7b Quantity 1: 5.000 t Quantity 2: 50.000 t	Update: 2003
	: 96/82/EC Dangerous for the environment 9a Quantity 1: 100 t Quantity 2: 200 t	Update: 2003
	: 18.1	

**Notification status**

Europe REACH	: On the inventory, or in compliance with the inventory
United States of America TSCA	: On the inventory, or in compliance with the inventory
Canada NDSL	: On the inventory, or in compliance with the inventory
Australia AICS	: On the inventory, or in compliance with the inventory
New Zealand NZIoC	: Not in compliance with the inventory
Japan ENCS	: Not in compliance with the inventory
Korea KECI	: On the inventory, or in compliance with the inventory
Philippines PICCS	: Not in compliance with the inventory
China IECSC	: Not in compliance with the inventory

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**16. OTHER INFORMATION****Further information**

Legacy MSDS Number : 27760

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.