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Safety Data Sheet

acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

1 Identification

· Product identifier

- · Trade name: 794 BASECOAT MET. COARSE
- · Article number: 794
- · Application of the substance / the mixture refer to the relevant Technical Data Sheet
- · Details of the supplier of the safety data sheet

Manufacturer/Supplier: General Paint Co. S.A.L. P.O. Box 7623 Beirut LEBANON info@generalpaint.biz

- · Information department: Product Safety Department
- Emergency telephone number: 1-800-535-5053 contract number (89244)

2 Hazard(s) identification

· Classification of the substance or mixture		
GHS02 Flame		
Flammable Liquids 3	H226	Flammable liquid and vapor.
GHS08 Health hazard		
Carcinogenicity 2	H351	Suspected of causing cancer.
Specific Target Organ Toxicity - Repeated Exposur 1	e H372-H37	³ Causes damage to the central nervous system through prolonged or repeated exposure. May cause damage to the hearing organs through prolonged or repeated exposure.
GHS07		
Skin Irritation 2	H315	Causes skin irritation.
Specific Target Organ Toxicity - Single Exposure 3	H336	May cause drowsiness or dizziness. (Contd. on page 2)



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(Contd. of page 1) · Label elements · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). · Hazard pictograms GHS02 GHS07 GHS08 · Signal word Danger · Hazard-determining components of labeling: n-butyl acetate ethylbenzene Stoddard solvent · Hazard statements Flammable liquid and vapor. Causes skin irritation. Suspected of causing cancer. May cause drowsiness or dizziness. Causes damage to the central nervous system through prolonged or repeated exposure. May cause damage to the hearing organs through prolonged or repeated exposure. · Precautionarv statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. In case of fire: Use CO2, powder or water spray to extinguish. (Contd. on page 3)

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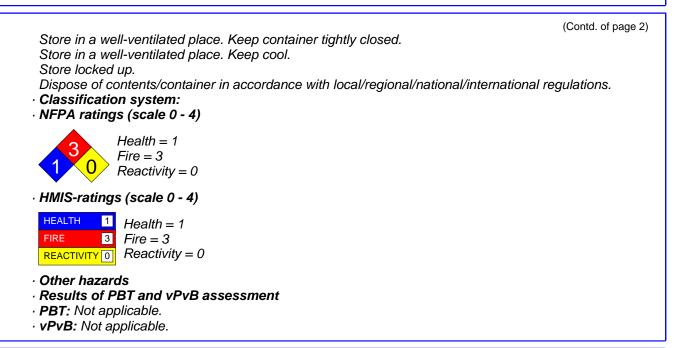
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3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
	n-butyl acetate	>25- <i>≤</i> 50%
1330-20-7	•	>10- <i>≤</i> 25%
	Solvent naphtha (petroleum), light arom.	>2.5- <i>≤</i> 10%
7429-90-5	aluminium powder (stabilised)	>2.5- <i>≤</i> 10%
	ethylbenzene	>2.5- <i>≤</i> 10%
8052-41-3	Stoddard solvent	<i>≤</i> 2.5%

4 First-aid measures

· Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

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- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
 Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture During heating or in case of fire poisonous gases are produced.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

Mount respir Wear protect Environmen Methods an Absorb with Dispose com Ensure adect Reference to See Section See Section See Section	 recautions, protective equipment and emergency procedures ratory protective device. tive equipment. Keep unprotected persons away. ntal precautions: Do not allow to enter sewers/ surface or ground water. nd material for containment and cleaning up: liquid-binding material (sand, diatomite, acid binders, universal binders, sawdus taminated material as waste according to section 13. o other sections 7 for information on safe handling. 8 for information on personal protection equipment. 13 for disposal information. 	t).
· PAC-1:		
123-86-4	n-butyl acetate	5 ppm
1330-20-7	xylene	130 ppm
100-41-4	ethylbenzene	33 ppm
71-36-3	butan-1-ol	60 ppm
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		(Contd. of page
	1-methoxy-2-propanol	100 ppn
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
7664-38-2	phosphoric acid	3 mg/m ³
70657-70-4	2-methoxypropyl acetate	50 ppm
PAC-2:		
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
100-41-4	ethylbenzene	1100* ppn
71-36-3	butan-1-ol	800 ppm
107-98-2	1-methoxy-2-propanol	160 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppn
7664-38-2	phosphoric acid	30 mg/m ³
70657-70-4	2-methoxypropyl acetate	1,000 ppn
PAC-3:		
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	xylene	2500* ppm
100-41-4	ethylbenzene	1800* ppm
71-36-3	butan-1-ol	8000** ppr
107-98-2	1-methoxy-2-propanol	660 ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
7664-38-2	phosphoric acid	150 mg/m ³
70657-70-4	2-methoxypropyl acetate	5,000 ppm

7 Handling and storage

· Handling:

- Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
 Open and handle receptacle with care.
 Prevent formation of aerosols.
- Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
 Keep respiratory protective device available.

· Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles: No special requirements.

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- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.
- · Storage class: 3
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data; see section 7.

- · Control parameters
- Components with limit values that require monitoring at the workplace:
- The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

123-8	86-4 n-butyl acetate	
PEL	Long-term value: 710 mg/m³, 150 ppm	
REL	Short-term value: 950 mg/m³, 200 ppm	
	Long-term value: 710 mg/m³, 150 ppm	
TLV	Short-term value: 150 ppm	
	Long-term value: 50 ppm	
1330	-20-7 xylene	
PEL	Long-term value: 435 mg/m³, 100 ppm	
REL	Short-term value: 655 mg/m³, 150 ppm	
	Long-term value: 435 mg/m³, 100 ppm	
TLV	Long-term value: 20 ppm	
	BEI, A4	
100-4	41-4 ethylbenzene	
PEL	Long-term value: 435 mg/m³, 100 ppm	
REL	Short-term value: 545 mg/m³, 125 ppm	
	Long-term value: 435 mg/m³, 100 ppm	
TLV	Long-term value: 20 ppm	
	OTO, BEI, A3	
8052	-41-3 Stoddard solvent	
PEL	Long-term value: 2900 mg/m³, 500 ppm	
REL	Long-term value: 350 mg/m³	
	Ceiling limit value: 1800* mg/m³	
	*15-min	
TLV	Long-term value: 100 ppm	
		(Contd. on page

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<u> </u>	(Contd. of page 6)
-	with biological limit values:
1330-20-7	•
	creatinine
	n: urine
	and of shift
	eter: Methylhippuric acids
	hylbenzene
	g creatinine
	n: urine
-	end of shift at end of workweek
	eter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)
Additiona	information: The lists that were valid during the creation were used as basis.
Exposure	ontrols
Personal	rotective equipment:
	ptective and hygienic measures:
	from foodstuffs, beverages and feed.
	remove all soiled and contaminated clothing.
	s before breaks and at the end of work.
	tive clothing separately.
	ct with the skin.
	ct with the eyes and skin.
	e quipment: prief exposure or low pollution use respiratory filter device. In case of intensive or longe
	se respiratory protective device that is independent of circulating air.
• Protectio	
[IT]	
M. KT	rotective gloves
The alove	naterial has to be impermeable and resistant to the product/ the substance/ the preparation
	sing tests no recommendation to the glove material can be given for the product/ th
	the chemical mixture.
Selection	f the glove material on consideration of the penetration times, rates of diffusion and th
degradati	-
Material	
	on of the suitable gloves does not only depend on the material, but also on further marks o
	varies from manufacturer to manufacturer. As the product is a preparation of severa
	the resistance of the glove material can not be calculated in advance and has therefore t

be checked prior to the application. Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

Information on basic physical and General Information	
Appearance:	
Form:	Liquid
Color:	Silver-colored
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	124-128 °C (255.2-262.4 °F)
Flash point:	25 °C (77 °F)
Flammability:	Flammable.
Auto igniting:	370 °C (698 °F)
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive ail vapor mixtures are possible.
Explosion limits:	
Lower:	1.1 Vol %
Upper:	7.5 Vol %
Vapor pressure at 20 °C (68 °F):	10.7 hPa (8 mm Hg)
Density at 20 °C (68 °F):	0.956 g/cm³ (7.97782 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.



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Solubility in / Missibility with	((Contd. of page
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.	
Partition coefficient (n-octanol/	water): Not determined.	
Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	73.8 %	
Coating VOC content:	73.78 %	
-	705.4 g/l / 5.89 lb/gal	
Material VOC content:	705.4 g/l / 5.89 lb/gal	
Solids content:	24.8 %	
Other information	No further relevant information available.	

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

1 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

123-86-4 n-butyl acetate

Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21 mg/l (rat)

· Primary irritant effect:

- on the skin: Irritant to skin and mucous membranes.
- · on the eye: No irritating effect.

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· Sensitization: No sensitizing effects known.

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

1330-20-7 xylene

100-41-4 ethylbenzene

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

- · Toxicity
- Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- **vPvB:** Not applicable.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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Uncleaned packagings:
 Recommendation: Disposal must be made according to official regulations.

DOT, ADR, IMDG, IATAUN1263• UN proper shipping name • DOTPaint 1263 PAINT• ADR1263 PAINT• IMDG, IATAPAINT• Transport hazard class(es)NOT APPLICABLE• DOT•• Class3 Flammable liquids• Label3• ADR, IMDG, IATA3• Class3 Flammable liquids• Label3• Packing group • DOT, IMDGVoid• Packing group • DOT, IMDGVoid• ADR, IATAIII• Packing group • Marine pollutant:No	UN-Number	
DOTPaintADR1263 PAINTIMDG, IATAPAINTTransport hazard class(es)NOT APPLICABLEDOTImage: Class in the state of the state o		UN1263
ADR1263 PAINTIMDG, IATAPAINTTransport hazard class(es)NOT APPLICABLEDOTImage: Strate	UN proper shipping name	
IMDG, IATA PAINT Transport hazard class(es) NOT APPLICABLE DOT - Impose - Class 3 Flammable liquids Label 3 ADR, IMDG, IATA - Impose - Class 3 Flammable liquids Label 3 ADR, IMDG, IATA - Impose - Class 3 Flammable liquids Label 3 Packing group - DOT, IMDG Void III - Environmental hazards: No		
 Transport hazard class(es) DOT DOT Class Label ADR, IMDG, IATA Class Label S Flammable liquids 3 ADR, IMDG, IATA Class Packing group DOT, IMDG ADR, IATA Packing group DOT, IMDG Void ADR, IATA III Environmental hazards: Marine pollutant: No 		
 DOT DOT Class 3 Flammable liquids Label 3 ADR, IMDG, IATA ADR, IMDG, IATA Class 3 Flammable liquids Label 3 Packing group DOT, IMDG 3 Packing group DOT, IMDG HATA Environmental hazards: Marine pollutant: 	IMDG, IATA	PAINT
 Class 3 Flammable liquids Label 3 ADR, IMDG, IATA Class 1 Class 2 Class 3 Flammable liquids 3 Packing group 3 Packing group 4 DOT, IMDG 4 III Environmental hazards: Marine pollutant: No 	Transport hazard class(es)	NOT APPLICABLE
· Label 3 · ADR, IMDG, IATA - · Original State 3 · Class 3 Flammable liquids · Label 3 · Packing group - · DOT, IMDG Void · ADR, IATA III · Environmental hazards: No	DOT	
Label 3 ADR, IMDG, IATA - Image: Second state of the seco		
Label 3 ADR, IMDG, IATA - Image: Second state of the seco	Class	3 Flammable liquids
ADR, IMDG, IATA Class Class Label 3 Packing group DOT, IMDG ADR, IATA Void III Environmental hazards: Marine pollutant: No		
Label 3 · Packing group Void · DOT, IMDG Void · ADR, IATA III · Environmental hazards: No		
 Packing group DOT, IMDG DOT, IMDG ADR, IATA Environmental hazards: Marine pollutant: 		
DOT, IMDG Void ADR, IATA III Environmental hazards: No		3
ADR, IATA III Environmental hazards: No		
• Environmental hazards: • Marine pollutant: No		
Marine pollutant: No		111
	Marine pollutant:	No
	Special precautions for user	Warning: Flammable liquids
Hazard identification number (Kemler code): 68		
• EMS Number: F-E, <u>S-E</u>		
Stowage Category A		A





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Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
ADR	
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
IMDG	
Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1263 PAINT, 3, III

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available. · Sara

	5 (extremely hazardous substances):	
None of the	e ingredients is listed.	
Section 31	3 (Specific toxic chemical listings):	
1330-20-7	xylene	
100-41-4	ethylbenzene	
71-36-3	butan-1-ol	
7664-38-2	phosphoric acid	
TSCA (To	kic Substances Control Act):	
123-86-4	n-butyl acetate	ACTIVE
1330-20-7	xylene	ACTIVE
100-41-4	ethylbenzene	ACTIVE
71-36-3	butan-1-ol	ACTIVE
107-98-2	1-methoxy-2-propanol	ACTIVE
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	2-methoxy-1-methylethyl acetate	ACTI
7664-38-2	phosphoric acid	ACTI
Hazardou	s Air Pollutants	
1330-20-7	' xylene	
	ethylbenzene	
Propositi		
	s known to cause cancer:	
100-41-4	ethylbenzene	
Chemical	s known to cause reproductive toxicity for females:	
None of th	e ingredients is listed.	
Chemical	s known to cause reproductive toxicity for males:	
None of th	e ingredients is listed.	
Chemical	s known to cause developmental toxicity:	
None of th	e ingredients is listed.	
Carcinoge	enic categories	
•	ironmental Protection Agency)	
1330-20-7		
	ethylbenzene	
71-36-3	butan-1-ol	
TLV (Thre	shold Limit Value)	
1330-20-7	xylene	
100-41-4	ethylbenzene	
NIOSH-Ca	a (National Institute for Occupational Safety and Health)	
None of th	e ingredients is listed.	
The produ Hazard pi	I elements ct is classified and labeled according to the Globally Harmonized System (Gl ctograms GHS07 GHS08	HS).
Signal wo	ord Danger	
Hazard-de	etermining components of labeling:	

Hazard-determining components of labeling: n-butyl acetate ethylbenzene

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(Contd. of page 13) Stoddard solvent · Hazard statements Flammable liquid and vapor. Causes skin irritation. Suspected of causing cancer. May cause drowsiness or dizziness. Causes damage to the central nervous system through prolonged or repeated exposure. May cause damage to the hearing organs through prolonged or repeated exposure. · Precautionarv statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. · Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS: Product safety department

· Contact: N/A

· Date of preparation / last revision 10/22/2024 / 1.1

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(Contd. of page 14) Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flammable Liquids 3: Flammable liquids – Category 3 Skin Irritation 2: Skin corrosion/irritation - Category 2 Carcinogenicity 2: Carcinogenicity – Category 2 Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3 Specific Target Organ Toxicity - Repeated Exposure 1: Specific target organ toxicity (repeated exposure) – Category 1 • * Data compared to the previous version altered. US