Printing date 04/19/2023

Reviewed on 04/19/2023

1 Identification

- · Product identifier
- Trade name: <u>Cure & Seal 30% J23UV</u>
- · Article number: 69407
- Application of the substance / the mixture
- · Details of the supplier of the safety data sheet
- Manufacturer/Supplier: Dayton® Superior 4226 Kansas Avenue Kansas City, KS 66106

Tel.: (866) 329-8724

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call international number, +1 703 741-5970. Collect calls are accepted.

· Information department: Environmental, Health, and Safety department.

2 Hazard(s) identification

· Classification of the substance or mixture

5 5		
Flam. Liq. 3	H226	Flammable liquid and vapor.
Acute Tox. 4	H332	Harmful if inhaled.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2A	H319	Causes serious eye irritation.
Muta. 1B	H340	May cause genetic defects.
Carc. 1B	H350	May cause cancer.
STOT RE 1	H372	Causes damage to the central nervous system through prolonged or repeated exposure.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

· Label elements

· GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms



· Signal word Danger

Hazard-determining components of labeling: Solvent naphtha (petroleum), medium aliph. Solvent naphtha (petroleum), light arom. cumene
1,2,4-trimethylbenzene
Hazard statements
Flammable liquid and vapor.
Harmful if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May cause genetic defects.
May cause cancer.

(Contd. on page 2)

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

	(Contd. of page 1)
Causes damage to the central nervous system throu	gh prolonged or repeated exposure.
May be fatal if swallowed and enters airways.	
Harmful to aquatic life with long lasting effects. • Precautionary statements	
If swallowed: Immediately call a poison center/doct	tor.
Specific treatment (see on this label).	
Do NOT induce vomiting.	
If on skin (or hair): Take off immediately all contan	inated clothing. Rinse skin with water/shower.
	inutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Take off contaminated clothing and wash it before r	·euse.
Store locked up.	
Dispose of contents/container in accordance with lo • Classification system:	scal/regional/national/international regulations.
· NFPA ratings (scale 0 - 4)	
Health = 2	
Fire = 2	
$\mathbf{V}_{\mathbf{V}} = 0$	
· HMIS-ratings (scale 0 - 4)	
HEALTH *2 $Health = *2$	
FIRE 2 $Fire = 2$	
PHYSICAL HAZARD Reactivity $= 0$	
• Other hazards	
• Results of PBT and vPvB assessment • PBT: Not applicable.	
• vPvB: Not applicable.	
••••••••••••••••••••••••••••••••••••••	

3 Composition/information on ingredients

· Chemical characterization: Mixtures

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

· Dangerous components:				
Solvent naphtha (petroleum), medium aliph.	≥10-<30%			
Solvent naphtha (petroleum), light arom.	≥0.1-<25%			
1,2,4-trimethylbenzene	≥10-<15%			
	<2.3%			
	≥0.25-<1.2%			
ethylbenzene	≥0.1-<0.2%			
	components: Solvent naphtha (petroleum), medium aliph. Solvent naphtha (petroleum), light arom. 1,2,4-trimethylbenzene xylene cumene ethylbenzene			

• Additional information: For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

- · Description of first aid measures
- · After inhalation: Supply fresh air; consult doctor in case of complaints.

• After skin contact:

- Immediately wash with water and soap and rinse thoroughly.
- *If skin irritation continues, consult a doctor.*

• *After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.*

(Contd. on page 3)

(Contd. of page 2)

Safety Data Sheet acc. to OSHA HCS

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

· After swallowing: Seek medical treatment.

- 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, sand, extinguishing powder. Do not use water.*
- Foam
- For safety reasons unsuitable extinguishing agents: Water
- Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
- Advice for firefighters
- · Protective equipment:

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6 Accidental release measures

- *Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.*
- Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

• Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· Handling:

· Precautions for safe handling

Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

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.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.

(Contd. on page 4)

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

• 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 item 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.

	2 6 1 2 4 trim other constructions have no known exposure rimits.
	3-6 1,2,4-trimethylbenzene
	Long-term value: 125 mg/m ³ , 25 ppm
	Long-term value: 123 mg/m ³ , 25 ppm
1330	-20-7 xylene
PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 655 mg/m ³ , 150 ppm
	Long-term value: 435 mg/m ³ , 100 ppm
TLV	Short-term value: 651 mg/m ³ , 150 ppm
	Long-term value: 434 mg/m ³ , 100 ppm
	BEI
98-8	2-8 cumene
PEL	Long-term value: 245 mg/m ³ , 50 ppm
	Skin
REL	Long-term value: 245 mg/m ³ , 50 ppm
	Skin
TLV	Long-term value: (246) NIC-0.5 mg/m³, (50) NIC-0.1 ppm
	NIC-A3
100-	41-4 ethylbenzene
PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 545 mg/m ³ , 125 ppm
	Long-term value: 435 mg/m ³ , 100 ppm
TLV	Long-term value: 87 mg/m ³ , 20 ppm
	BEI
Ingr	edients with biological limit values:
1330	-20-7 xylene
	1.5 g/g creatinine
	Medium: urine
	Time: end of shift
	Parameter: Methylhippuric acids
	(Contd. on page

(Contd. of page 3)

(Contd. of page 4)

Safety Data Sheet acc. to OSHA HCS

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

BEI 0.7 g/g creatinine

Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)

· Additional information: The lists that were valid during the creation were used as basis.

· Exposure controls

· Personal protective equipment:

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes and skin.

• Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. • Eye protection: Wear appropriate eye protection to prevent eye contact.

· Information on basic physical and chemical properties			
· General Information			
· Appearance:			
Form:	Liquid		
Color:	Clear		
· Odor:	Solvent-like		
· Odor threshold:	Not determined.		
· pH-value:	Not determined.		
· Change in condition			
Melting point/Melting range:	Undetermined.		
Boiling point/Boiling range:	138 °C (280.4 °F)		
· Flash point:	41 °C (105.8 °F)		
· Flammability (solid, gaseous):	Not applicable.		
· Ignition temperature:	230 °C (446 °F)		
· Decomposition temperature:	Not determined.		

US

Safety Data Sheet acc. to OSHA HCS

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

	(Contd. of page 5
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Explosion limits:	
Lower:	0.7 Vol %
Upper:	7.5 Vol %
Vapor pressure at 20 °C (68 °F):	5 hPa (3.8 mm Hg)
Density at 20 °C (68 °F):	0.89895 g/cm ³ (7.50174 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wat	er): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	<i>69.4 %</i>
Solids content:	29.9 %
Other information	No further relevant information available.
Volatile Organic Compounds:	Contains less than 650 g/L.

10 Stability and reactivity

- *Reactivity* No decomposition if stored and applied as directed.
- · 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* Keep away from heat and sources of ignition.
- *Incompatible materials:* No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicolo	gical inf	ormation		
• Informatio • Acute toxic		ological effects		
· LD/LC50 1	· LD/LC50 values that are relevant for classification:			
64742-88-3	64742-88-7 Solvent naphtha (petroleum), medium aliph.			
Oral	LD50	>6,500 mg/kg (rat)		
Dermal	LD50	>3,000 mg/kg (rab)		
Inhalative	LC50/4 h	>14 mg/l (rat)		
64742-95-	6 Solvent n	naphtha (petroleum), light arom.		
Oral	LD50	>6,800 mg/kg (rat)		
		(Contd. on page 7)		

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

		(Con	td. of page 6)
Dermal	LD50	>3,400 mg/kg (rab)	
Inhalative	LC50/4 h	>10.2 mg/l (rat)	
95-63-6 1,	2,4-trimetl	hylbenzene	
Oral	LD50	5,000 mg/kg (rat)	
• on the eye. • Sensitizati • Additional The produc Carcinoge	n: May cau : Strong irr on: No sen toxicolog ct shows th nic. ct can caus	use skin irritation. ritant with the danger of severe eye injury. isitizing effects known. ical information: ne following dangers according to internally approved calculation methods for preparations: se inheritable damage.	
· IARC (Inte	ernational	Agency for Research on Cancer)	
1330-20-7	xylene		3
98-82-8	cumene		2B
100-41-4	ethylbenz	ene	2B
· NTP (Nati	ional Toxio	cology Program)	
98-82-8 ci	umene		R
OSHA-Ca	(Occupati	ional Safety & Health Administration)	
None of th	e ingredier	nts 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.
- · Ecotoxical effects:
- · Remark: Harmful to fish
- Additional ecological information:
- · General notes:

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Water hazard class 1 (Self-assessment): slightly hazardous for water

Harmful to aquatic organisms

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

(Contd. on page 8)

(Contd. of page 7)

Safety Data Sheet acc. to OSHA HCS

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Must not be disposed of as normal garbage. Do not allow product to reach sewage system. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.

• Uncleaned packagings:

• Recommendation: Disposal must be made according to Federal, State, and Local regulations.

UN-Number DOT, ADR, IMDG, IATA	UN1268
UN proper shipping name	
DOT	Petroleum distillates, n.o.s.
ADR	1268 PETROLEUM DISTILLATES, N.O.S.
IMDG, IATA	PETROLEUM DISTILLATES, N.O.S.
Transport hazard class(es)	
DOT	
PLAMMARE LIXID	
Class	3 Flammable liquids
Label	3
ADR, IMDG, IATA	
Class	3 Flammable liquids
Label	3
Packing group	
DOT, ADR, IMDG, IATA	III
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
Danger code (Kemler):	30
EMS Number:	F-E,S-E
Stowage Category	
Transport in bulk according to Annex II of A	MARPOL 73/78
and the IBC Code	Not applicable.

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
Same as listed for Standard Shipments above.
DOT: Not regulated (Reclassified as per 49CFR 173.150).
Not determine
5L
Code: El
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III

15 Regulatory information

 \cdot Safety, health and environmental regulations/legislation specific for the substance or mixture \cdot Sara

• Section 355 (extremely hazardous substances):

None of the ingredient is listed.

Section 313 (Specific toxic chemical listings):

This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.

95-63-6 1	≥ 1 , 2, 4-trimethylbenzene ≥ 1	10-<15%	
1330-20-7 x	ylene <.	<2.3%	
98-82-8 с	umene ≥l).25-<1.29	
100-41-4 e	thylbenzene ≥(0.1-<0.2%	
TSCA (Toxi	c Substances Control Act):		
64742-88-7	Solvent naphtha (petroleum), medium aliph.	ACTIV	
64742-95-6	Solvent naphtha (petroleum), light arom.	ACTIV	
95-63-6	1,2,4-trimethylbenzene	ACTIV	
1330-20-7	xylene	ACTIV	
6422-86-2	1,4-benzenedicarboxylic acid, bis(2-ethylhexyl) ester	ACTIV	
98-82-8	cumene	ACTIV	
108-67-8	e mesitylene	ACTIV	
526-73-8	1,2,3-trimethylbenzene	ACTIV	
25551-13-7	Trimethylbenzene	ACTIV	
100-41-4	ethylbenzene	ACTIV	
41556-26-7	Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester	ACTIV	
104810-48-2	poly(oxy-1,2-ethanediyl), α-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl] oxopropyl]-ω-hydroxy-	I- ACTIV	

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

104810-47	-1 poly(oxy-1,2-ethanediyl), α -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl	(Contd. of p $l_{-}l_{-} ACT$
104010-47	$[1] poly(0xy-1,2-emaneary), a-[5-[5-(211-benzoir azoi-2-yi)-5-(1,1-aimethylethyl)-4-hydroxyphenyl]oxopropyl]-\omega-[3-[3-(2H-benzotriazoi-2-yi)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropox$	v]-
82919-37	 7 Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester 	ACT
Hazardous	Air Pollutants	
1330-20-7		
98-82-8	•	
100-41-4	ethylbenzene	
Proposition	1 65	
Chemicals	known to the State of California (Prop. 65) to cause cancer:	
64742-95-0	Solvent naphtha (petroleum), light arom.	
98-82-8	cumene	
100-41-4	t ethylbenzene	
Chemicals	known to cause reproductive toxicity for females:	
None of the	ingredients is listed.	
Chemicals	known to cause reproductive toxicity for males:	
None of the	pingredients is listed.	
Chemicals	known to cause developmental toxicity:	
	p ingredients is listed.	
Canceroge	nity categories	
-	ronmental Protection Agency)	
,	1,2,4-trimethylbenzene	II
1330-20-7	•	Ι
98-82-8	•	D, C
108-67-8	mesitylene	II
526-73-8	1,2,3-trimethylbenzene	II
100-41-4	ethylbenzene	D
TLV (Thre	shold Limit Value established by ACGIH)	I
11, (1,0,0	xylene	
	ethylbenzene	
1330-20-7 100-41-4	ethylbenzene man Maximum Workplace Concentration)	
1330-20-7 100-41-4 MAK (Ger		

• *GHS label elements* The product is classified and labeled according to the Globally Harmonized System (GHS). • *Hazard pictograms*



· Signal word Danger

• *Hazard-determining components of labeling:* Solvent naphtha (petroleum), medium aliph. Solvent naphtha (petroleum), light arom.

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

(Contd. of page 10)

cumene 1,2,4-trimethylbenzene · Hazard statements Flammable liquid and vapor. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause genetic defects. May cause cancer. Causes damage to the central nervous system through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects. **Precautionary statements** If swallowed: Immediately call a poison center/doctor. Specific treatment (see on this label). Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take off contaminated clothing and wash it before reuse. Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· National regulations:

· Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

• Water hazard class: Water hazard class 3 (Self-assessment): extremely hazardous for water.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

The provided 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. 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: Environmental, Health & Safety Department

- · Contact: Environmental, Health & Safety Manager
- · Date of preparation / last revision 04/19/2023 / 107
- Abbreviations and acronyms:

ADR: Accord européen sur le transport 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

ACGIH: American Conference of Governmental Industrial Hygienists

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)

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

(Contd. on page 12)

US

Printing date 04/19/2023

Reviewed on 04/19/2023

Trade name: Cure & Seal 30% J23UV

(Contd. of page 11)

US

TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A Muta. IB: Germ cell mutagenicity – Category IB Carc. IB: Carcinogenicity – Category IB STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3