Material Safety Data Sheet

Manufacturer'	- IDENTITY AND MANUE	ACTURER'S IN	FORMAT	ION			
Name			Product Name				
	HILLYARD CHEMICAL COMP	ANY		DEEP ACT	10N		
Address	302 North Fourth Street St. Joseph, MO 64502		Date Prepared	March 6,	1986		
Emergency Te And Other Info	lephone No. ormation Calls (816) 233-1321		Prepared by	Regulatory A	ffairs Departm	nent	
SECTION	1 - HAZARDOUS INGRED	IENTS/IDENTIT					
Hazardous Cor	nponents (Specific Chemical Identity	Common Name(s)	CAS #'s	OSHA PEL	ACCIU TI V	Other Lim	
	m distillates		41-41-9	500 ppm	100 ppm	N/A	8-11
			and 42-47-8	осо ррш	Too Ppm		
			42-47-0		and the state of t		
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The Lot of				· · · · · · · · · · · · · · · · · · ·			
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	ing a second of the second			19 2 2		and the	
SECTION I Boiling Point	II — PHYSICAL/CHEMICA	LCHARACTER	The second residence is the second				
1,000,000		200°F.		ravity (H ₂ O = 1)		1.060
Vapor Pressure	a (mm Hg.)	no data	Percent V By Volume	olatile			0.00
Vapor Density	1410 41		Evaporation Rate		89% max.		
And Deligità	(AIR = 1)	no data	The state of the latest service and the state of the stat		te		89% max.
37		no data	Evaporation DU	n Rate Ityl aceta		= 1)	89% max.
Solubility in W	ater	complete	Evaporation DU Appearan M11Ky			The same of the sa	
Solubility in W	ethod Used)	complete	Evaporation DU Appearan M11Ky	on Rate Ityl aceta ce and Odor Ilquid;	citrus od	or	<1
SECTION I Flash Point (M 115-130 Extinguishing	V — FIRE AND EXPLOSION athod Used) F. (PMCC)	complete	Evaporation (DU Appearan M11ky) A Flammable	on Rate of Y aceta ce and Odor fiquid; e Limits		or	
Section I Flash Point (M 115-130 Extinguishing Use foam	V — FIRE AND EXPLOSION athod Used) F. (PMCC) Media L CO2 or dry chemical	complete	Evaporation (DU Appearan M11ky) A Flammable	on Rate of Y aceta ce and Odor fiquid; e Limits	citrus od	or	< 1
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	HAZARD DATA		
Route(s) of Entry	Inhalation?	Skin?	Ingestion?
Health Hazards (1 Acute and 2 1. Respiratory in	Yes Chronic) Critation; high concen	no ntration, narcosis; rep	harmful or fata eated, prolonged skin conta-
		s; eye irritant. 2, n	
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Yes ロ Program No M		OSHA Yes D No X
Signs and Symptoms of Exposure can 1	ead to upper respirat	ory irritation; swallo	wing can cause gastrointes-
tinal irritation a			
pre-existing eye,	skin and respiratory	disorders	
Emergency and First Aid Proceed Eyes: flush with p	dures lenty of water for 15	minutes; if irritatio	n persists, get medical atte
			ontaminated clothing and was
			stion: do not induce vomitir
consult physician	or poison control cen	ter immediately; treat	Symptomatically
SECTION VII - PRECA	UTIONS FOR SAFE HAND	DING AND USE	symptomatically.
Remove all sources	erial is Released Or Spilled	oto and anti-	
Remove all sources	erial is Released Or Spilled Of ignition. Ventil	ate and contain and re	move with inert absorbent.
Remove all sources Incinerate liquid	erial is Released Or Spilled of ignition. Ventile in approved facility.	ate and contain and re	move with inert absorbent.
Uncinerate liquid	or ignition. Ventile in approved facility.	ate and contain and re	
Uncinerate liquid Waste Disposal Method Dispose of in acco	erial is Released Or Spilled Of ignition. Ventil	ate and contain and re	Move with inert absorbent. A Hazardous Waste Classifi-
Waste Disposal Method Dispose of in acco	of ignition. Ventile of ignition. Ventile in approved facility. In approved facility. In addition of the control of the cont	ate and contain and re	
Waste Disposal Method Dispose of in acco cation: Ignitable Precautions To Be Taken In Har Keep container clos	of ignition. Ventile of ignition. Ventile in approved facility.	ate and contain and remain and re	A Hazardous Waste Classifi-
Waste Disposal Method Dispose of in acco cation: Ignitable Precautions To Be Taken In Har Keep container clos Other Precautions Inhalation: If afforesymptomatically.	of ignition. Ventile of ignition. Ventile in approved facility. In approved facility. Indance with state or Liquid as packaged by adding And Storing sed when not in use. Ected by inhalation of Consult a physician.	ate and contain and remain and re	
Waste Disposal Method Dispose of in acco cation: Ignitable Precautions To Be Taken In Har Keep container clos Other Precautions Inhalation: If afformatically. SECTION VIII — CONTI	of ignition. Ventile of ignition. Ventile in approved facility. In approved facility in approved in use. In approved in the approved facility in approved for a physician. In approved facility in approximation of the approved facility in approximation of the approximation of	ate and contain and resolved and resolved and regulations. EPA	A Hazardous Waste Classifi-
Waste Disposal Method Dispose of in acco cation: Ignitable Precautions To Be Taken In Har Keep container clos Other Precautions Inhalation: If afformatically, SECTION VIII — CONTI	erial is Released Or Spilled of ignition. Ventile in approved facility. In approved facility. Indance with state or Liquid as packaged by adding And Storing sed when not in use. Ected by inhalation of Consult a physician. ROL MEASURES Type) Type) Type properly fitted reserved.	ate and contain and resolved and resolved and contain and resolved and	A Hazardous Waste Classifi-
Waste Disposal Method Dispose of in acco cation: Ignitable Precautions To Be Taken In Har Keep container clos Other Precautions Inhalation: If afformatically, SECTION VIII — CONTI	erial is Released Or Spilled of ignition. Ventile in approved facility. In approved facility. In approved facility. Induce with state or Liquid as packaged by Inding And Storing Sed when not in use. Indicate the state of the state	ate and contain and remarks and remarks and regulations. EP and the second seco	A Hazardous Waste Classifi- remove to fresh air; treat approved)
Waste Disposal Method Dispose of in acco cation: Ignitable Precautions To Be Taken In Har Keep container clos Other Precautions Inhalation: If afformatically, SECTION VIII — CONTI Respiratory Protection (Specify Wear an appropriate Ventilation at least Lo 10 air changes/hr. Protective Gloves impervious gloves	rdance with state or Liquid as packaged by Inding And Storing sed when not in use. Consult a physician. ROL MEASURES Type) Type) Type properly fitted reseated heads recommended For sensitive individuals of the control of the	ate and contain and remarks and remarks and regulations. EP y manufacturer. f excess or spray mist prices of the spirator (NIOSH or MSH/Mice) Special structure of the spirator of the spirat	A Hazardous Waste Classifi- remove to fresh air; treat approved) Other
Waste Disposal Method Dispose of in acco cation: Ignitable Precautions To Be Taken In Har Keep container clos Other Precautions Inhalation: If afformatically. SECTION VIII — CONTI Respiratory Protection (Specify Wear an appropriate Ventilation at least Lo IO air changes/hr. Protective Gloves impervious gloves	erial is Released Or Spilled of ignition. Ventile in approved facility. In approved facili	ate and contain and remarks and remarks and regulations. EPA y manufacturer. f excess or spray mist spirator (NIOSH or MSHANICAL Special all) recommended N/A call Eye Protection chemical safety	A Hazardous Waste Classifi- remove to fresh air; treat approved) Other N/A glasses
Waste Disposal Method Dispose of in acco Cation: Ignitable Precautions To Be Taken In Har Keep container clos Other Precautions Inhalation: If affe Symptomatically. (SECTION VIII — CONTI Respiratory Protection (Specify Wear an appropriate Ventilation at least Lo 10 air changes/hr. Protective Gloves impervious gloves Other Protective Clothing Or Eq trousers and long s Work/Hygienic Practices	erial is Released Or Spilled of ignition. Ventile in approved facility. In approved facili	ate and contain and resolutions. EPA local regulations. EPA y manufacturer. f excess or spray mist spirator (NIOSH or MSHA spirator Special bill recommended N/A uals Eye Protection chemical safety dividuals with sensitive	A Hazardous Waste Classifi- remove to fresh air; treat approved) Other N/A glasses

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