Safety Data Sheet

			S	ection 1 - Pr	oduct Inforn	nation		
roduct Name	: MAGNUM PLUS	DETERGENT					Supplier:	Chemical Maintenance, Inc.
				none: 217-359-62	262			1100A West Bloomington Dr
			ntact: CHEMTRE	C 1-800-424-9300)	- Address:	Champaigne, IL 61821	
-				ection 2 - Ha	zard Identifi	ication		
SHA -GHS Cla	assification - Skin	irritant category 2	., eye irritant categ	gory 2A				
				Section 2.1	- Label Elem	ents		
	Hazard	Pictograms				Precau	utionary Stateme	ents:
	<	!>		soap and water medical attenti	Take off contamon.	ninated clothin	ig and wash befo	r handling.IF ON SKIN: Wash with plent ore reuse. If skin irritation occurs get
	Signal W	ord: Warning		-	e cautiously with nsing. If eye irrita			nove contact lenses if present and easy tion.
		Statements:		IF ON SKIN: Wa	sh with plenty of	soap and wat		aminated clothing and wash before reus
Cause		Causes severe eye	irritation.	If skin irritation	occurs seek med	ical advice.		
				Section 3	- Composition	on		
	Chem	ical Name			CAS			Percent w/w
chols(C12-15	saturated) Etho				68131-			20
	nethy-1-butanol				56539-66-3			7
iethanolamin	ne				102-7	' 1-6		2
ON SKIN: Wa	ash with plenty o	f soap and water.	If skin irritation oo		irst Aid Mea al advice.	sures		
F IN EYES: Rins	se cautiously with	n water for severa	If skin irritation oc I minutes. Remove	curs seek medica	al advice. f present and eas	y to do. Contir		
IN EYES: Ring	se cautiously with	n water for severa dilute material. D	If skin irritation oc I minutes. Remove to NOT induce von	curs seek medica e contact lenses in niting unless instr	ol advice. If present and east ructed to do so by	y to do. Contir		e irritation persists get medical attention f you feel unwell.
F IN EYES: Ring	se cautiously with	n water for severa dilute material. D	If skin irritation oc I minutes. Remove to NOT induce von eep at rest positio	curs seek medica e contact lenses in hiting unless instr n comfortable for	al advice. If present and ease Tucted to do so by The breathing.	y to do. Contir r a physician. (Call a physician i	
F IN EYES: Ring ngestion: Give nhalation: IF II	se cautiously with e milk or water to NHALED, remove	n water for severa dilute material. D to fresh air and k	If skin irritation oc I minutes. Remove to NOT induce von eep at rest positio Section	e contact lenses in hiting unless instr n comfortable for 1 5 - Fire and	of present and easy ructed to do so by r breathing.	y to do. Contir r a physician. C Hazard Dat	Call a physician in	f you feel unwell.
FIN EYES: Ring engestion: Give halation: IF II	se cautiously with e milk or water to NHALED, remove	n water for severa dilute material. D to fresh air and k UEL	If skin irritation oc I minutes. Remove to NOT induce vom eep at rest positio Section	e contact lenses in hiting unless instra n comfortable for n 5 - Fire and ctinguishing Med	of present and east ructed to do so by r breathing. If Explosion I	y to do. Contir r a physician. C Hazard Dat Special Fire Fig	Call a physician in	
F IN EYES: Ring	se cautiously with e milk or water to NHALED, remove	n water for severa dilute material. D to fresh air and k	If skin irritation oc I minutes. Remove to NOT induce vom eep at rest positio Section En Water spray or	e contact lenses in hiting unless instr n comfortable for 1 5 - Fire and	f present and ease ructed to do so by r breathing. d Explosion Flia: hemical, if product	y to do. Contir r a physician. C Hazard Dat Special Fire Fig Wear self-cont MSHA/NIOSH UNUSUAL FIRI	call a physician if	ryou feel unwell. es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may
FIN EYES: Ring ngestion: Give nhalation: IF II	se cautiously with e milk or water to NHALED, remove	n water for severa dilute material. D to fresh air and k UEL	If skin irritation oc I minutes. Remove to NOT induce von eep at rest positio Section Ex Water spray of carbon dioxide involved.	e contact lenses in niting unless instr n comfortable for n 5 - Fire and ctinguishing Med r fog, foam, dry c	f present and east ructed to do so by r breathing. I Explosion Halia: hemical, if product	y to do. Contir y a physician. C Hazard Dat Special Fire Fig Wear self-cont MSHA/NIOSH UNUSUAL FIRI splatter if tem	call a physician in the call a	ryou feel unwell. es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may
F IN EYES: Ring ngestion: Give nhalation: IF II lash Point: NE	se cautiously with a milk or water to NHALED, remove	n water for severa dilute material. D to fresh air and k UEL NE	If skin irritation ocolors I minutes. Remove to NOT induce von the eep at rest position and the street position are street pos	e contact lenses in hiting unless instra n comfortable for n 5 - Fire and ktinguishing Med r fog, foam, dry c e or alcohol foam,	f present and east ructed to do so by r breathing. d Explosion Haia: hemical, if product	y to do. Conting a physician. Conting a physician. Conting a physician of the physician of	call a physician in the call a physician in the call a physician in the call a procedure call a perature exceeds the call a physician in the call a physician	ryou feel unwell. es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may s boiling point.
F IN EYES: Rins ngestion: Give nhalation: IF II lash Point: NE TEPS TO BE TA	se cautiously with a milk or water to NHALED, remove	n water for severa dilute material. D to fresh air and k UEL NE	If skin irritation ocolors I minutes. Remove to NOT induce von the eep at rest position and the street position are street pos	e contact lenses in hiting unless instruction comfortable for 15 - Fire and continuity in the confortable for fog, foam, dry continuity in a c	f present and ease ructed to do so by r breathing. d Explosion Haia: hemical, if product ntal Release sewer with plent	y to do. Conting a physician. Conting a physician. Conting a physician of the physician of	call a physician in the call a physician in the call a physician in the call a procedure call a perature exceeds the call a physician in the call a physician	ryou feel unwell. es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may
r IN EYES: Ring ngestion: Give nhalation: IF II lash Point: NE	se cautiously with a milk or water to NHALED, remove	n water for severa dilute material. D to fresh air and k UEL NE	If skin irritation ocolors irrit	e contact lenses in hiting unless instruction comfortable for 15 - Fire and continuity in the confortable for fog, foam, dry confortable for alcohol foam, and the confortable for alcohol foam, and the confortable for alcohol foam, and the confortable for up & flush to the Federal, State	f present and east ructed to do so by r breathing. d Explosion Haia: hemical, , if product ntal Release sewer with plent & Local regulatio	y to do. Conting a physician. Conting a physician. Conting a physician. Conting a physician and the ph	call a physician in the call a physician in the call a physician in the call a procedure call a perature exceeds the call a physician in the call a physician	ryou feel unwell. es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may s boiling point.
IN EYES: Rinsingestion: Given the lation: IF II lash Point: NE TEPS TO BE TAVASTE DISPOSE	se cautiously with a milk or water to NHALED, remove LEL NE AKEN IN CASE MASAL METHOD: Dis	n water for severa dilute material. D to fresh air and k UEL NE	If skin irritation ocolors irrit	e contact lenses in hiting unless instruction of the comfortable for the comfortable for the comfortable for fog, foam, dry company of the co	f present and ease ructed to do so by r breathing. d Explosion Haia: hemical, if product ntal Release sewer with plent	y to do. Conting a physician. Conting a physician. Conting a physician. Conting a physician and the ph	call a physician in the call a physician in the call a physician in the call a procedure call a perature exceeds the call a physician in the call a physician	ryou feel unwell. es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may s boiling point.
IN EYES: Rinsingestion: Given the lation: IF II lash Point: NE TEPS TO BE TAVASTE DISPOSE	se cautiously with a milk or water to NHALED, remove LEL NE AKEN IN CASE MASAL METHOD: Dis	n water for severa dilute material. D to fresh air and k UEL NE	Il minutes. Remove to NOT induce von eep at rest positio Section Water spray or carbon dioxide involved. Section Sec	e contact lenses in hiting unless instruction of the comfortable for the comfortable for the comfortable for fog, foam, dry company of the co	f present and east ructed to do so by r breathing. d Explosion Haia: hemical, , if product ntal Release sewer with plent & Local regulatio	y to do. Conting a physician. Conting a physician. Conting a physician. Conting a physician and the ph	call a physician in the call a physician in the call a physician in the call a procedure call a perature exceeds the call a physician in the call a physician	ryou feel unwell. es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may s boiling point.
IN EYES: Rinsingestion: Given the lation: IF II lash Point: NE TEPS TO BE TAVASTE DISPOSE	se cautiously with a milk or water to NHALED, remove LEL NE AKEN IN CASE MASAL METHOD: Dis	n water for severa dilute material. D to fresh air and k UEL NE	If skin irritation occurrence of the skin irritation occurred by the skin irritation occurred	e contact lenses in hiting unless instruction of the composition of th	f present and east ructed to do so by r breathing. d Explosion Haia: hemical, if product ntal Release sewer with plent & Local regulatio ndling and S	y to do. Conting a physician. Conting a physician. Conting a physician. Conting a physician conting a physician a	call a physician in the call a physician in the call a physician in the call a procedure call a perature exceeds the call a physician in the call a physician	ryou feel unwell. es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may s boiling point.
r IN EYES: Rinsingestion: Given halation: IF II lash Point: NE TEPS TO BE TAVASTE DISPOSE TO BE TAVASTE DISP	se cautiously with a milk or water to NHALED, remove LEL NE AKEN IN CASE MASAL METHOD: Dis in original closed	n water for severa dilute material. D to fresh air and k UEL NE ATERIAL IS RELEAS pose of in accorda	If skin irritation occurrence of the skin irritation occurred by the skin irritation occurred	e contact lenses in hiting unless instruction of the composition of th	f present and ease ructed to do so by r breathing. d Explosion Haia: hemical, if product ntal Release sewer with plent & Local regulatio ndling and S	y to do. Conting a physician. Conting a physician. Conting a physician. Conting a physician conting a physician a	Call a physician in the call a physician in the call a physician in the call a procedure call a person of the call a physician in the call a person of the call a person of the call a physician of the call a physician in the call a physician of the call a physician in the call a physician in the call a physician of the call a physician in	es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may boiling point. ery. Use care to avoid falls.
r IN EYES: Rinsingestion: Given the Indian service of the Indian s	se cautiously with milk or water to NHALED, remove LEL NE AKEN IN CASE MASAL METHOD: Distin original closed edient	n water for severa dilute material. D to fresh air and k UEL NE ATERIAL IS RELEAS pose of in accorda container in a coc	If skin irritation och I minutes. Remove to NOT induce vomeep at rest position. Section Water spray of carbon dioxide involved. Section Section	e contact lenses in hiting unless instruction of the composition of th	f present and east ructed to do so by r breathing. d Explosion Flaia: hemical, if product ntal Release sewer with plent & Local regulatio ndling and S cosure Control PPE	y to do. Conting a physician. Conting a physician. Conting a physician. Conting a physician and the ph	Call a physician in the call a physician in the call a physician in the call a procedure call a proved or equipment of the call a perature exceeds the call a perature exc	es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may be boiling point. ery. Use care to avoid falls.
TEPS TO BE TO VASTE DISPOS	se cautiously with a milk or water to NHALED, remove LEL NE AKEN IN CASE MASAL METHOD: Dissin original closed	water for severa dilute material. D to fresh air and k UEL NE ATERIAL IS RELEAS pose of in accorda container in a coc	If skin irritation och I minutes. Remove to NOT induce von the eep at rest position are stored involved. Section Carbon dioxide involved. Section Section Section Section dioxide involved. Section Section Section Section dioxide involved. Section Section Section Section Section dioxide involved.	correction 8 - Exp Respiratory:	f present and east ructed to do so by r breathing. d Explosion Haia: hemical, if product ntal Release sewer with plent Local regulation ndling and S osure Controppe	y to do. Conting a physician. Conting a physician. Conting a physician. Conting a physician conting a physician and a physicia	Call a physician in the call a physician in the call a physician in the call a physician procedure. Call a proved or equipment of the call a perature exceeds the call a perature exceeds the call a perature and the call a physician in the call a p	es: Avoid exposure to fumes or vapors. ressurized breathing apparatus iivalent to maintain TLV. HAZARD: Product will not burn but may boiling point. ery. Use care to avoid falls.
F IN EYES: Rins ngestion: Give nhalation: IF II lash Point: NE TEPS TO BE TA VASTE DISPOS	se cautiously with a milk or water to NHALED, remove LEL NE AKEN IN CASE MASAL METHOD: Dis in original closed edient	n water for severa dilute material. D to fresh air and k UEL NE ATERIAL IS RELEAS pose of in accorda container in a coc	If skin irritation och I minutes. Remove to NOT induce vomeep at rest position. Section Water spray of carbon dioxide involved. Section Section	contact lenses in hiting unless instruction in comfortable for the contact lenses in hiting unless instruction in the confortable for the confortable for fog, foam, dry confortable for alcohol foam, and the confortable foam, and the confortab	f present and east ructed to do so by r breathing. d Explosion Flaia: hemical, if product ntal Release sewer with plent & Local regulatio ndling and S cosure Control PPE	y to do. Conting a physician. Conting a physician. Conting a physician. Conting a physician and the ph	Call a physician in the call a physician in the call a physician in the call a physician procedure and positive process. So the call a perature exceeds the call a peratur	es: Avoid exposure to fumes or vapors. ressurized breathing apparatus invalent to maintain TLV. HAZARD: Product will not burn but may is boiling point. ery. Use care to avoid falls. eneral Hygiene Considerations: rdance with good industrial hygiene and is. Provide suitable facilities for quick ushing of the eyes and body in case of

			Section	9 - Physical	and Chemic	cal Properti	es		
Appearance	odor	odor threshold	рН	Melting Point	Boiling point	Evaporation rate	Flammability	Upper/lower flammability limits	Vapor pressure
/iolet liquid	characteristic	NE	9.5	NE	212ºF	NE	NA	NA	NE
Vapor Density	Density (lbs/gal)	Specific Gravity	pH(use dil)	Solubility	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temp	
NE	8.66	1.04	8.0	complete	NE	NE	thin	NE	
			Sec	tion 10 - Sta	ability and R	Reactivity			
			Sect	ion 11- Toxi	cological In	formation			
ingre	dient	Acute toxicity(oral LD50) rat	Acute toxicity(derm. LD50)rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -single Exposure	STOST Repeated exposure
M-M-B		4300mg/kg	5830mg/kg	slight irritant	not listed	not listed	no data	no information	no info
Alcohols, ethox	ylate	NE	NE	irritant	no data	no data	no data	no data	no data
riethanolamine	2	>5000mg/kg	>5000mg/kg	slight irritant	no data	no data	no data	no data	no data
Other:									
	Section 12	2 - Ecological In	formation			Section	13 - Disposa	al Considerations	
No information	available					•	•	orm, are not regulated acco	•
			Sec	tion 14 - Tr	l ansport Info	ormation			
UN number			Basic Descrip	tion(DOT)			Class	Packing Group	LTD QT
			Not Regu	latari.					T

	Section 14 - Transport Information							
UN numbe	Basic Description(DOT)	Class	Packing Group	LTD QTY				
	Not Regulated							

Section 15 - Regulatory Information

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986. CERCLA: Does not contain chemicals subject to reporting under CERCLA. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information								
WHMIS:			HMIS:	Health - 1	Flam 0	R - 0	PPE- A	
Date Prepared: 04-13-2015			Prepared by: Environmental, Health and Safety Administrator.					

The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established