Emergency Response: Inforrac 1-890-535-5953  Sovage Code NEPA Hazard Ratings:  Health: Reaction 1 - General Information Product Code:  DOT Hazard Class:  Section 2 - Hazardous Ingredients  CAS Number/OSHA PEUACGHTILV/Comments Product Code:  DOT Hazard Class:  Section 3 - Physical Data Soppopal Alcohol  Section 4 - Flavoration Pressure gaige (201) Section 4 - Flavoration Pressure gaige (201) Section 4 - Fire & Explosion Data Vapor Density (Air-ri) Vapor Pressure gaige (201) Section 4 - Fire & Explosion Data Flammable Limits % by vol LEL Flam				
Not regulated  ass:  CAS Number/OSHA PEL/ACGIHTLV/Comments er:  (H2O=1)(@ 25 C) (H2O=1)(@ 25 C) (JAir=1) (Jair=	Emergency Response: Infotrac 1-800-535-5053 Revised Date:	9/25/2008	Section 5 - Health Hazard Data General	
neral Information  Tropical CDO 311  Not regulated  Regulated  212 Degrees F (H20=1)(@ 25 C) (H20=1)(@ 25 C) (JAir=1) (Jair=1) 212 Degrees F (H20=1)(@ 25 C) (Jair=1) 212 Degrees F (H20=1)(@ 25 C) (J0.17 216 (Butyl Acetate=1) 217 Degrees F (J0.17 218 Degrees F (J0.17 219 Degrees F (	NFPA Hazard Ratings:			
neral Information Tropical CDO 311 Not regulated  Exardous Ingredients CAS Number/OSHA PEL/ACGIHTLV/Comments Exits (H2O=1)(@ 25 C) (H2O=1)(@ 2	Health:	, _		
neral Information Tropical CDO 311 lass: Not regulated  CAS Number/OSHA PEL/ACGIHTLV/Comments et 67-63-0 400ppm 400ppm n/a psical Data ysical CDO ychemical, carbon dioxide, water ysical CDO ychemical, carbon dioxide, water Self contained breathing apparatus xsical CDO ychemical, carbon dioxide, water	Reactivity:	7 0	Threshold I imit Value	N/A
Internal Information Tropical CDO 311 Not regulated  Rot regulated  Not regulated  Adappm 400ppm n/a  212 Degrees F 67-63-0 400ppm 400ppm n/a  212 Degrees F 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17 10.17	Flammability:		Regulated	
ass:  Not regulated  Not regulated  CAS Number/OSHA PEL/ACGIHTLV/Comments e: 67-63-0 400ppm 400ppm n/a  Pysical Data (H2O=1)(@ 25 C) (H2O=1)(@ 25 C) (Air=1) (	Section 1 - General Information		Carcinogen-NTP & IARC Program	Not considered a carcinogen
ass:  Not regulated  Not regulated  CAS Number/OSHA PEL/ACGIHTL.V/Comments  CAS Number	Product Name:	Tropical CDO	Symptoms of Exposure Eyes	Moderate irritation
Class:  Not regulated  **Tazardous Ingredients**  CAS Number/OSHA PEL/ACGIHTLV/Comments of 7-63-0  **Pysical Data**  (C)	Product Code:	311	Symptoms of Exposure Skin	Moderate irritation
iszardous Ingredients  CAS Number/OSHA PELLACGIHTLV/Comments 67-63-0 400ppm 400ppm n/a  Physical Data (C) 25 C) 400ppm 400ppm n/a  212 Degrees F (d) 10.17  Interprise (25 C) 700mm  (e) (26 C) 700mm  (e) (27 C) 700mm  (fire & Explosion Data 700me  (fire & Exp	DOT Hazard Class:	Not regulated	Symptoms of Exposure Ingestion	Nausea, vomiting, diarrhea, irritate digestive system
tazardous Ingredients  CAS Number/OSHA PEL/ACGIHTLV/Comments ochol  CAS Number/OSHA POOPM A 400ppm A 400ppm n/a  212 Degrees F  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10.17  10			Symptoms of Exposure Inhalation	Irritation, nausea, dizziness
me: CAS Number/OSHA PEL/ACGIHTLV/Comments othol  Pysical Data (C) 400ppm 400ppm n/a (C) 10.17 (rity (H2O=1)(@ 25 C) 763mm (y (Air=1)) 71 Rate (Butyl Acetate=1) 71 Rate (Butyl	Section 2 - Hazardous Ingredients		Chronic Effects of Overdose	same as above
hysical Data (C) (C) (Ity (H2O=1)(@ 25 C) (Ity (H2O	Chemical Name:	CAS Number/OSHA PEL/ACGIHTLV/Comments	Medical Conditions Aggravated	Pre-existing skin or lung disorders
Physical Data (C)	Isopropal Alcohol	400ppm 400ppm	by Exposure  Primary route(s) of entry	Inspection Expec Skin Inhalation
Physical Data (C)			Emergency First Aid Eyes	Flush w/water for 15 minutes.
Physical Data (C)				If irritated seek medical help.
Hysical Data (C)			Emergency First Aid Skin	Wash with soap & water.
Physical Data (C)				If irritated seek medical help.
(C) (C) (III) (H2O=1)(@ 25 C) (IIII) (H2O=1)(@ 25 C) (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Section 3 - Physical Data		Emergency First Aid Ingestion	Do not induce vomiting. Give large amounts of water
ure (psig @ 25 C) < 7660mm  y (Air=1)	Boiling Point(C)	212 Degrees F	The state of the s	or milk. Contact physician immediately.
y (Air=1) y (Air=1) y (Air=1) y (Air=1) y (Air=1) x1 Rate (Butyl Acetate=1) N/E Soluble Soluble Clear, pink, tropical floral fire & Explosion Data fittion TCC) TCC) N/A Toome N/A Toom, dry chemical, carbon dioxide, water Self contained breathing apparatus & Explosion Hazards None Known  SAFETY DATA SHEET FOR: Tropical CDO  311	Vanor Pressure (nsig @ 25 C)	<760mm	Circidency List Aid III alation	irritation persists
Rate (Butyl Acetate=1)  VIE  VIE  Vater  and odor  Fire & Explosion Data  Atton  TCC)  TCC)  N/A  Tone  Self contained breathing apparatus  & Explosion Hazards  None Known  NONE  SAFETY DATA SHEET FOR:  11344  N 37229-1344  SAFETY DATA SHEET FOR:  311	Vapor Density (Air=1)	×	Section 6 - Reactivity Data	
vater vater vater Soluble Soluble Clear, pink, tropical floral  ire & Explosion Data  N/A TCC) N/A TCC) N/A Imits % by vol LEL Imits % by vol UEL Imits % by vol UEL Imits % by vol UEL Self contained breathing apparatus & Explosion Hazards  None Known  DUSTRIAL PRODUCTS, INC. 6 1-888-879-6124 1-4051 1344 N 37229-1344 N 37229-1344  N Tropical CDO  SAFETY DATA SHEET FOR: 311	Evaporation Rate (Butyl Acetate=1)	Δ.	Stability	Stable
vater Soluble clear, pink, tropical floral fire & Explosion Data  N/A  TCC) N/A  Imits % by vol LEL N/A  Imits % by vol UEL Foam, dry chemical, carbon dioxide, water Self contained breathing apparatus & Explosion Hazards None Known  DUSTRIAL PRODUCTS, INC. 6 1-888-879-6124 1-4051 1344 N 37229-1344 N 37229-1344 N 37229-1344  SAFETY DATA SHEET FOR: Tropical CDO  SAFETY DATA SHEET FOR: 311	pH (@ 25 C)	N/E	Incompatibility	None Known
dear, pink, tropical floral  e & Explosion Data  N/A  n  none  N/A  its % by vol LEL  Media  phting Procedures Explosion Hazards  Explosion Hazards  Self contained breathing apparatus  None Known  STRIAL PRODUCTS, INC.  1-888-879-6124  4051  4051  Tropical CDO  Tropical CDO  311	Solubility in water	Soluble	Materials to Avoid	None Known
e & Explosion Data  N/A  C)  none  N/A  its % by vol LEL  N/A  N/A  Nedia  Procedures  Self contained breathing apparatus  Explosion Hazards  None Known  STRIAL PRODUCTS, INC.  1-888-879-6124  4051  44  37229-1344  From, dry chemical, carbon dioxide, water Self contained breathing apparatus  None Known  Tropical CDO  311	Appearance and odor	clear, pink, tropical floral	Hazardous Polymerization	Will not occur
N/A SC) none N/A its % by vol LEL N/A Nedia Procedures Self contained breathing apparatus Explosion Hazards None Known  STRIAL PRODUCTS, INC. 1-888-879-6124 4051 44 37229-1344  From, dry chemical, carbon dioxide, water Self contained breathing apparatus None Known  Tropical CDO 311	Coction A - Fire & Explosion Data		Hazardous Decomposition Products	Oxides of carbon when burned
none its % by vol LEL N/A its % by vol UEL N/A N/A Nedia N/A N/A Nedia Procedures Self contained breathing apparatus Explosion Hazards None Known  STRIAL PRODUCTS, INC. 1-888-879-6124 4051 44 37229-1344  FETY DATA SHEET FOR: Tropical CDO 311	Flame Projection	N/A	nazardous Decomposition Froducts	Oxides of Calbott when buffled.
its % by vol LEL N/A its % by vol UEL N/A Nedia Nedia Procedures Self contained breathing apparatus Explosion Hazards None Known  STRIAL PRODUCTS, INC. 1-888-879-6124 4051 44 37229-1344  FETY DATA SHEET FOR: Tropical CDO 311	Flash Point (TCC)	none	Section 7 - Environmental Procedures	
its % by vol UEL  N/A  Foam, dry chemical, carbon dioxide, water Self contained breathing apparatus Explosion Hazards  None Known  STRIAL PRODUCTS, INC. 1-888-879-6124 4051 44 37229-1344  FETY DATA SHEET FOR:  Tropical CDO 311	Flammable Limits % by vol LEL	N/A	Steps if Material is spilled	Remove all ignition sources. Ventilate area. Soak up
Aedia Foam, dry chemical, carbon dioxide, water Shting Procedures Self contained breathing apparatus Explosion Hazards None Known  STRIAL PRODUCTS, INC. 1-888-879-6124 4051 44 37229-1344  FETY DATA SHEET FOR:  Tropical CDO 311	Flammable Limits % by vol UEL	N/A	on absorbent material. Place in closed container. Keep material out of drains.	er. Keep material out of drains.
Self contained breathing apparatus Explosion Hazards  None Known  STRIAL PRODUCTS, INC. 1-888-879-6124 4051 44 37229-1344  FETY DATA SHEET FOR: 311	Extinguishing Media	Foam, dry chemical, carbon dioxide, water		
ISTRIAL PRODUCTS, INC.  1-888-879-6124 4051 44 37229-1344  FETY DATA SHEET FOR: Tropical CDO 311	Special Fire Fighting Procedures	Self contained breathing apparatus	Waste Disposal Method	Dispose of in accordance with federal, state and local
JSTRIAL PRODUCTS, INC. 1-888-879-6124 4051 44 37229-1344 FETY DATA SHEET FOR: Tropical CDO 311	Unusual Fire & Explosion Hazards	None Known		regulations.
JSTRIAL PRODUCTS, INC. 1-888-879-6124 4051 37229-1344 Tropical CDO 311			Section 8 - Special Protection Information	
JSTRIAL PRODUCTS, INC. 1-888-879-6124 4051 44 37229-1344 FETY DATA SHEET FOR: Tropical CDO 311			De Flotection	DO HOLIDO eyes Will Containillated Hands.
1-86-8/3-6/24 4051 44 37229-1344 FETY DATA SHEET FOR: Tropical CDO	CANNON INDUSTRIAL PRODUCTS, INC.		Skin Protection	Protective gloves/rubber or vinyl
Tropical CDO	615-391-4046 1-888-879-6124		Respiratory Protection	Maintain general plant ventilation to control vapors
Tropical CDO	Fax: 615-391-4051		Ventilation Protection	Maintain general plant ventilation to control vapors
Tropical CDO 311	Nashville, TN 37229-1344		Other Protection	Always use near water source.
311	MATERIAL SAFETY DATA SHEET FOR:	Tropical CDO	Section 9 - Special Precautions	
	Product Code:	311	Hygienic Practices/Handling & Storage	Keep away from children. Wash hands after use. Do not store above 120 F.
Do not use near open flame.				Do not use near open flame.

obtained from the use of the product described. Components are listed in Section 2 if they present a physical or health hazard so resent at or above 1% in the mixture. If a component are listed as a carcinogen by NTP, IARC, or OSHA as of the date on this MSDS it will be listed and footnoted in this section when present over 0.1% in product. Negative conclusions concerning carcinogenicity are not reported. Components subject to reporting requirements of Section 313 of SARA Title III are identified in the footnotes in this section, along with typical percentages. Other components may be listed if deemed appropriate. Additional health information may be found in Section 5.

Kitchen