

# CARMEL GROUP INC.

## SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION									
Product Livestock Water-based Dye - Red							Revision date Sept 21th, 2020		
Previous revision date March 11 <sup>th</sup> , 2016		Product codes n/a			Material use Water based dye for safe marking of livestock.				
Manufacturer's Name and issuing location CARMEL GROUP INC. 10220 ARMAND LAVERGNE, MONTRÉAL, QUEBEC, CANADA, H1H 3N4  Tel : 514-270-5377 Fax : 514-270-2025 Internet : www.carmelindustries.com					EMERGENCY PHONE NUMBER CHEMTREC USA 800-424-9300 International 1-703-527-3887				
SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS									
PREPARATION HAZARDS AND CLASSIFICATION									
Hazardous Ingredients	Risk phrases (Sect 16)	Note (Sect 15)	CAS #	Amount	Exposure Limits (ppm)				
					OSHA PEL -	NIOSH REL- TWA	NIOSH REL-STEL	ACGIH TLV-TWA	ACGIH TLV- STEL
SECTION 3 EMERGENCY OVERVIEW									
Keep away from children. The product contains no substances which at their given concentration are considered to be hazardous to health.									
<b>SKIN CONTACT</b>	Generally the product does not irritate the skin.								
<b>EYE CONTACT</b>	This product may cause irritation.								
<b>INHALATION</b>	Non-hazardous in accordance with international standards for workplace safety.								
<b>INGESTION</b>	May be harmful if swallowed.								

<b>CHRONIC EFFECTS</b>	No further relevant information available.
<b>Medical Condition Aggravated by Exposure</b>	No further relevant information available.

Fire hazard : 0	Health Hazard : 0	Reactivity : 0	Personal Protection : See Section 8
0 = Minimal 1 = Slight hazard 2= Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard			
Potential Health Effects (HMIS Rating)			
Health : 1	Flammability: 0	Reactivity: 0	
0 = Minimal 1 = Slight hazard 2= Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard			
<b>SECTION 4 FIRST AID MEASURES</b>			
<b>EYE CONTACT</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/ attention.		
<b>SKIN CONTACT</b>	Wash skin with soap and water. Get medical attention if irritation develops and persists.		
<b>INHALATION</b>	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.		
<b>INGESTION</b>	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.		
<b>ADDITIONAL INFO</b>	None		
<b>SECTION 5 FIRE FIGHTING MEASURES</b>			
<b>Flash Point Category (OSHA) IB -</b>	Non-combustible		
<b>Extinguishing Media</b>	Extinguish with a multipurpose firefighting CO <sub>2</sub> , water spray, dry powder or foam.		
<b>Special Fire fighting Procedure</b>	Since the product is non-combustible, there is no need of a special firefighting procedure.		
<b>Unusual Fire and Explosion Hazards</b>	No further relevant information available.		
<b>SECTION 6 ACCIDENTAL RELEASE MEASURES</b>			
<b>Small Spills</b>	Cover remaining spilled product with dry powder, dry sand, or Vermiculite. Eliminate all source of ignition & ventilate area of spill. The product may be Already dry before powders are applied.		
<b>Large Spills</b>	Unlikely to occur		

<b>SECTION 7 HANDLING AND STORAGE</b>				
<b>Handling procedures</b>	None special needed. Don't break or burn the marker			
<b>Storage precautions</b>	Normal precaution should be followed. Store in a dry & cool place, out of direct sunlight.			
	Do not store at temperature >50°C/120°F.			
<b>SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION</b>				
PERSONAL PROTECTION				
<b>Respiratory protection</b>	None if product is properly used.			
<b>Protective gloves</b>	If marker is frequently used, wear rubber glove to prevent skin contact.			
<b>Eye protection</b>	None if product is properly used.			
<b>Clothing</b>	Standard industrial.			
<b>SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES</b>				
Appearance Low viscosity liquid	Odour Neutral	Physical state Liquid at 25°C/77°F	Boiling point 173°F/78°C	
Melting point N/Av.	Specific gravity (H <sub>2</sub> O=1) > 1	Evaporation rate (vs. Butyl Acetate) <0.01 at 25°C/77°F	Solubility in water soluble	
Vapor Density vs. Air Heavier	Partitioning coefficient N/Av.	Typical density (lbs/gal) 7.69 to 9.64	Percent volatiles 10 to 20 %	
<b>SECTION 10 STABILITY AND REACTIVITY DATA</b>				
Stability Stable	Hazardous polymerization Will not occur.			
Incompatibility	Normally no-reactive; however avoid contact with strong oxidizing agent (ex. Peroxides, chlorine).			
Hazardous decomposition products	Burning can produce noxious and toxic fumes, and the following combustion products: Oxides of carbon.			
<b>SECTION 11 TOXICOLOGICAL INFORMATION</b>				
Irritancy of Material Cause eye & skin irritation.	Sensitizing Capability None known			
Mutagenicity / Teratogenicity Not listed	Synergistic Materials None known			
<b>Acute Toxicity Data</b>				
Ingredient	CAS#	LD <sub>50</sub> Oral (mg/kg)	LD <sub>50</sub> Dermal (mg/kg)	LC <sub>50</sub> Inhalation (4 hrs.)
<b>SECTION 12 ECOLOGICAL INFORMATION</b>				
In the environment, the active ingredient in this formulation is expected to remain in water or migrate through the soil to groundwater. Harmful effects to aquatic organisms could occur.				

<b>SECTION 13 DISPOSAL CONSIDERATION</b>	
Dispose of in accordance with appropriate Federal, State and local regulation.	
<b>SECTION 14 TRANSPORT INFORMATION</b>	
DOT Not regulated as dangerous goods. IATA Not regulated as dangerous goods. IMDG Not regulated as dangerous goods.	
<b>SECTION 15 REGULATORY INFORMATION</b>	
EU Indication of danger:	Not classified
Canada - WHMIS: Classifications	None required This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.
SARA Hazard Cat.	Acute Health Hazard, Not flammable
TSCA Status	All ingredients of this product are listed on the U.S. EPA TSCA (Toxic Substances Control Act) Chemical Substance Inventory.
DSL Status	All ingredients of this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).
EINECS Status	All ingredients of this product are listed on the European Inventory of Existing Chemical Substances (EINECS).
AICS Status	All ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).
Risk Phrases	None.
Safety Phrases	S2: Keep out of reach of children.
OSHA HCS Compliance	MSDS of the product is classified in accordance with all the required information for his hazard criteria under the Health Communication Standards of the U.S. OSHA.
WHMIS CPR Compliance	MSDS of the product is classified in accordance with all the required information for his hazard criteria under the Controlled Products Regulations of the Canadian WHMIS.
<b>SECTION 16 OTHER INFORMATION</b>	
Full Text of R-phrases appearing in Section 2	R36: Irritating to eyes R38: Irritating to skin
N/Av.=NOT AVAILBLE	N/L=NOT LISTED
SDS originally made by Carmel Industries Inc.	Revised by

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