



MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Printing Date 26.02.2009

Revision 25.02.2009

1. Product identification and manufacturer

Product Name: **VINYL OFF 104**

Application: Remove vinyl graphics from fleet trucks, glass, signage, etc.

Product Number: 104

This product is designed for industrial use only

Manufacturer/Supplier:

CrystalTek West End Products
1010 Windward Ridge Pkwy
Alpharetta, GA 30005 USA

Contact information:

Phone: (770) 643-8501

Web: www.westendproducts.com

Information in case of emergency: (770) 643-8501

2. Hazards Identification

Hazard Description:

NONE

Information concerning particular hazards for human and environment:

This product is not dangerous under directive 1999/45/EC and subsequent amendments

No Ingredients according to directive 2004/648/EC

Not classified as a VOC or an organic solvent @ 20 C according to directive 1999/13/EC

3. Composition /Information on ingredients

CHEMICAL DESCRIPTION	CAS #	EINECS#	%	EU CLASSIFICATION
*Generic Esters				

*This ingredient is not classified as a hazardous substance in the EU according to EC directive 67/548/EEC

**Listed as a toxic chemical under reporting requirements of section 313 of the emergency planning and community right-to-know act of 1986 and of 40 CFR 372

4. First-aid measures

Eyes: Flush with large amounts of running water while holding upper and lower lids open. Get medical attention if irritation persists.

Skin: Remove contaminated clothing and shoes. Wash with plenty of water. Wash clothes before reuse.

Inhalation: No danger to inhalation.

Ingestion: If swallowed, DO NOT INDUCE VOMITING. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

5. Fire-fighting measures

Suitable extinguishing media: For safety reasons use one of the following: CO2, Dry chemical, Foam.

Hazardous combustion products: May form: carbon dioxide and carbon monoxide.

Protection of firefighters: Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, and face mask.

Flash Point: Product does not flash **Auto ignition Temperature:** ND **Flammable Limits:** LEL: ND UEL: ND

6. Accidental release measures

Personal precautions: No data.

Environmental precautions: Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities.

Measures for cleaning/collecting: Stop spill at source. Wear appropriate protective equipment. Contain and recover liquid when possible. Collect liquid in an appropriate chemical waste container with an inert absorbent.

7. Handling and storage

Special handling procedures and equipment: Not applicable.

Specific storage requirements: Keep container tightly closed when not in use.

8. Exposure controls/personal protection

Respiratory Protection: If exposure exceeds occupational exposure limits, use a NIOSH-approved respirator.

Ventilation: Not required **Local Exhaust:** Explosion-proof

Protective Gloves: Recommended to prevent skin contact.

Eye Protection: Glasses or goggles in compliance with OSHA regulations.

Other Protective Equip/Clothing: Wear impervious clothing to prevent skin contact.

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9. Physical and chemical properties

Physical State: Liquid	Form: Liquid	Color: Colorless, clear	Odor: Sweet
Specific Gravity: 1.06	Solubility: Slightly	pH: 5 - 7	%Volatile: 60
Boiling Point: >300	Freezing Point: n/a	Evaporation Rate: >2.0(butyl acetate=1.0)	
Vapor pressure: No data	Vapor density: No data	Flash Point: Does not flash	

10. Stability and reactivity

Stability: Stable
Hazardous decomposition products: May form., Carbon monoxide and carbon dioxide.
Hazardous reactions: Product will not undergo hazardous polymerization.
Incompatibilities: Avoid contact with., Strong oxidizers, alkalis, and acids.
Conditions to Avoid: Avoid contact with., excessive heat

11. Toxicological information

Acute oral toxicity: Generic Esters	LD 50 Rat: >5,000 mg/kg
Acute inhalation toxicity:	
Acute dermal toxicity: Generic Esters	LD 50 Rabbit: >5,000 mg/kg
Additional toxicological information: None	

12. Ecological information

Aquatic toxicity
Acute and prolonged toxicity to fish: No data
Acute toxicity to aquatic invertebrates: No data
Environmental fate and pathways
No data

13. Disposal considerations

Waste disposal methods
Dispose of in accordance with all applicable local, state and federal regulations.

14. Transport information

Land transport ADR/RID (cross-border)		Maritime transport IMDG	
ADR/RID Class:	Not applicable.	IMDG Class:	Not applicable.
Danger code(Kemier):	Not applicable.	UN Number:	Not applicable.
UN Number:	Not applicable.	Label:	Not applicable.
Packing group:	Not applicable.	Packing group:	Not applicable.
Hazard label:	Not applicable.	EMS Number:	Not applicable.
Description of goods:	Not applicable.	Marine pollutant:	Not applicable.
		Proper shipping name:	Not applicable.
Air transport ICAO-TI and IATA-DGR			
ICAO/IATA Class:	Not applicable.		
UN/ID Number:	Not applicable.		
Label:	Not applicable.		
Packing Group:	Not applicable.		
Proper Shipping Name:	Not applicable.		

15. Regulatory information

Inventory Status: TSCA (USA), CEPA (Canada, DSL), EINECS (EU), China, TCCL (Korea, KECI), RA6969 (Philippines, PICCS), NICNAS (Australia, AICS), IEC (Japan)
WHMIS Classification: Class D, div 2b.
Safety phrases: 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advise.
California Prop. 65: Does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.
SARA Hazard Classification: Acute Health Hazard
SARA 313 Component(s):

HMIS	Health 1	Flammability 0	Reactivity 0	Other
NFPA	Health 1	Flammability 0	Reactivity 0	Other

16. Other information

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by the chemical team at West End Products LLC.