



EVANS VANODINE INTERNATIONAL PLC

PRODUCT SAFETY DATA SHEET



TESTING FM09535
No. 1108

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: BUFFODINE

Supplier: **Evans Vanodine International Plc**, Brierley Road, Walton Summit, Preston, Lancashire, PR5 8AH
Tel: 01772 322200 Fax: 01772 626000

Hazard Details are held by the National Poisons Service

2 INFORMATION ON INGREDIENTS

Product Description: Aqueous solution of iodine and nonionic surfactants
Hazardous Ingredients: Iodine and nonionic surfactants in non-hazardous concentrations

3 HAZARDS IDENTIFICATION

Not classified as hazardous

4 FIRST AID MEASURES

Eyes: Rinse immediately with plenty of water and seek medical advice if irritation persists
Skin: Wash off with water
Ingestion: Give plenty of milk or water to drink and obtain medical attention immediately
Inhalation: None needed

5 FIRE FIGHTING MEASURES

Extinguishing Media: Not classed as flammable. If involved in fire, may emit noxious fumes.
Protective Equipment for Fire: Normal equipment
Fighting:

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: No special protective clothing
Environmental Precautions: Do not allow product or washings to enter surface or ground waters
Spillages: Absorb with sand, earth or other suitable material. Transfer to a container for disposal according to local regulations

7 HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin
Storage: Store in a cool place in the original container

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required
Hand Protection: None required
Eye Protection: None required if care taken not to splash in eyes when pouring
Skin Protection: None required

Occupational Exposure Limits:

Hazardous Ingredient(s)	LTEL 8hr TWA		STEL (15 mins)		Type	Notes
	ppm	mg/m ³	ppm	mg/m ³		
Iodine	-	-	0.1	1.1	OES	

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour: Clear dark brown liquid
Odour: Faint iodine
pH Value @ 20°C: 6.5
Boiling Pt. (°C): 100
Melting Pt. (°C): 0
Flash Pt. (°C): Not applicable
Auto Ignition Temp. (°C): Not applicable
Explosive Limits in Air: Not applicable
Vapour Pressure @ 20°C: No data

Relative Density @ 20°C: 1.0325
Water Solubility: Soluble
Other Data:

10 STABILITY AND REACTIVITY

Conditions to Avoid: Temperatures above 40°C
Materials to Avoid: Oxidising agents
Hazardous Decomposition: Iodine vapour may be evolved if heated with oxidising agents

11 TOXICOLOGICAL INFORMATION

Eye Contact: Irritating to eyes
Skin Contact: Slight irritation may occur
Ingestion: Low toxicity, but ingestion may cause irritation of the gastro-intestinal tract
Inhalation: No hazard under normal conditions of use

12 ECOLOGICAL INFORMATION

Biodegradability: This product at use dilutions is readily broken down by biological sewage treatment plants
Toxicity: Harmful to fish and other aquatic life
Effect on Effluent Treatment: At the levels likely to be found in effluent, will have no adverse effect on biological treatment plants
Distribution: Completely water soluble: bioaccumulation unlikely
Mobility: Surfactants and iodine will not build up in sewage sludge or sediment

13 DISPOSAL CONSIDERATIONS

Product: Absorb in earth or sand and dispose of as solid waste according to local regulations.
Packages: Containers should be cleaned by appropriate methods and disposed of by landfill or incineration as appropriate

14 TRANSPORT INFORMATION

Classification for Transport: Not classified as hazardous for transport
UN Number: Not applicable
UN Proper Shipping Name: Not applicable
ADR/RID Class: Not applicable
ADR/RID Item No.: Not applicable
IMDG Packaging Group: Not applicable
IMDG Class: Not applicable

15 REGULATORY INFORMATION

EEC Classification: Not classified as hazardous to the user
Risk Phrases: None
Safety Phrases: S2: Keep out of reach of children
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S46: If swallowed give plenty of milk or water to drink and seek urgent medical attention

16 OTHER INFORMATION

This data sheet was prepared in accordance with Directive 93/112/EC