

MATERIAL SAFETY DATA SHEET**1. Identification of the substances or preparation and the company/undertaking**

- 1.1 Identification of the preparation:
Formula 429
 Description: **Anti-Microbial Liquid**
- 1.1.2 Date of issue: July 1, 2008
- 1.2 Company identification:
 Chemspec Europe
 Unit 36C, Tong Park
 Otley Road, Baildon
 West Yorkshire BD17 7QD UK
 Tel: 01274 597333
 Fax: 01274 597444
- 1.3 Emergency telephone number, official advisory bodies:
 For medical emergency call Chemtrec at 00-1-703 527-3887

2. Composition/Information on ingredients

- 2.1 Hazardous ingredients: **Non hazardous ready for use liquid.**

Substance Present	CAS#	EINECS No	R No	Conc Range

3. Hazards identification

- 3.1 A water based liquid that is classified as non hazardous.
- 3.2 To man: N/A
- 3.3 To the environment : N/A

4. First-aid measures

- 4.1 Inhalation: Remove to fresh air. Seek medical advice if feeling unwell.
- 4.2 Eye contact: Rinse open eye for several minutes under running water
- 4.3 Skin contact: Non Hazardous in normal use
- 4.4 Ingestion: Drink milk or water and seek medical attention

5. Fire-fighting measures

- 5.1 Extinguishing agent: Use extinguishing methods suitable for the surroundings.
- 5.2 Protective Equipment: Put on breathing apparatus.

6. Accidental release measures

- 6.1 Personal Precautions: Not required.
- 6.2 Collecting and cleaning: Absorb with liquid binding materials(sand, Dialomite, acid binders, universal binders, sawdust)

6.3 Environmental protection: For high volumes spillage(100Litres plus)
Dilute with plenty of water. Do not allow to enter sewers/surface or
Ground.

7. **Handling and storage**

7.1 Handling precautions: No special requirements

7.2 Storage: No special requirements

8. **Exposure controls and personal protection**

8.1 Respiratory protection: N/A

8.2 Hand protection: N/A

8.3 Eye protection: Avoid contact with eyes.

8.4 Skin protection: N/A

8.5 Working hygiene: N/A

9. **Physical and chemical properties**

9.1.1 Appearance: Clear liquid

9.1.2 Odor: Characteristic

9.2 pH: Neutral

9.3 Density @20%: 0.99gm/cm³

9.4 Flashpoint: N/A

9.5 Auto ignition Temp: Not self igniting

9.6 Solubility in water: Fully soluble

10. **Stability and reactivity**

10.1 As supplied the product is stable and has no adverse reactions with other
commonly used chemicals

11. **Toxicological information**

11.1 Contact with eyes: May produce slight irritation, rinse with plenty of clean
water.

11.2 Contact with skin: No irritating effects

11.3 Ingested: No irritating effects

11.4 Inhaled: No irritating effects

12. **Ecological information**

12.1 Do not allow large quantities to reach ground water.

13. **Disposal considerations**

13.1 Smaller quantities can be disposed of in household waste.

13.2 Larger quantities should be disposed of according to local authority
regulations.

14. **Transport information**
14.1 Land transport: No special requirements
14.2 Air Transport: No special requirements
14.3 Maritime Transport: No special requirements

15. **Regulatory information**
15.1 Observe the general safety regulations when handling chemicals
The product is not subject to identification regulations under EU Directives and the Ordinance of hazardous materials (German Gef/StoffV) Special labeling of certain preparations.
Contains Poly (1 hexamethenebiguanide hydrochloride. May produce an allergic reaction)
National regulations.
Technical instructions(air)
Class share in %
Water 17.5
10.3
NK 1.0
Water hazard class: Water hazard class 1 (Self assessment). Slightly hazardous for water.
15.2 R & S Sentences: N/A

16. **Other Information**
The information in this document is believed to be correct at the time of publication, but is provided without any warranty of any kind. The user of our products is solely responsible for observing any laws and guidelines governing his activity.

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n.ap = not applicable

n.av = not available