



101 Promyshlennaya street, Novocheboksarsk 429952, Chuvash Republic, Russia  
Website: [www.himprom.com](http://www.himprom.com)  
E-mail: [exportsales@himprom.com](mailto:exportsales@himprom.com)  
Phone/Fax: +7 (8352) 735010

## CALCIUM HYPOCHLORITE

Chemical name: Calcium hypochlorite  
Trade name: Calcium hypochlorite (grade A, grade B, grade C)  
Synonyms: Hypochlorous calcium, calcium oxychloride, hypochlorous acid, calcium salt  
CAS No.: 7778-54-3  
EINECS No.: 231-908-7  
H.S. Code: 2828100000

Application: Used for water treatment and for decontamination of cyanide from waste water in gold- mining industry.

Empirical formula:  $\text{CaCl}_2\text{O}_2$

### Quality Data:

Property	Normal value for grades		
	A	B	C
1. Appearance	White or slightly colouroued powdery product		
2. Active chlorine content, %, min	65	65	55
3. Water content, %, max	3,0	10	10
4. Insoluble residue content %, max	12	12	12
5. Thermal stability coefficient, min	0,90	0,85	0,85
Note: Annual decrease of active chlorine content is possible in grade A up to 9% relative, grade B up to 10% relative, grade C up to 8% relative.			

**Packing:** 50 kg drums with liner

### Transportation information:

- **Land transport:** RID/ADR class: 5.1; DOT(USA) class : 5.1, PGII, UN No.1748, **Shipping name:** Calcium hypochlorite;
- **Sea transport:** IMO/IMDG class: 5.1, PGII, UN No.1748, **Shipping name:** Calcium hypochlorite;
- **Air transport:** ICAO/IATA class: 5.1, PG II, UN No.1748, **Shipping name:** Calcium hypochlorite.

### Labelling:

- Sealed packing”.
- Warning note: “Don’t throw”.