

OZONE MSDS (MATERIAL SAFETY DATA SHEETS)

Effective Date: 06/01/00

Product: Ozone

1. Product Identification

Synonyms: Triatomic oxygen

CAS No.: 10028-15-6

Molecular Weight: 48.0

Chemical Formula: O₃

2. Composition/Information on Ingredients

Ingredient

Ingredient	CAS No	Percent	Hazardous
Ozone gas	10028-15-6	1 - 15%	Yes

3. Hazards Identification

Emergency Overview

Highly reactive, ozone concentrations above 15% can explode on contact with organic substances, especially strong reducing agents.

Ozone is a powerful oxidizing agent and oxidation with ozone evolves more heat and usually starts at a lower temperature than oxidation with oxygen. It reacts with non-saturated organic compounds to produce ozonides, which are unstable and may decompose with explosive violence. Ozone is an unstable gas which, at normal temperatures

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