

MATERIAL SAFETY DATA SHEET  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

U.S DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB. No. 1218-0072

IDENTITY (As used on Label and List)

HFOAID™

## SECTION I

Manufacturer's Name: CTECH.

Emergency Telephone Number: CTECH:  
INT'L: + 47 92899969

Address (Number, Street, City, State, and ZIP)  
Utstranda 166, 3531 Krokkleiva, Norway

Telephone Number for information: (47) 97955465

Date prepared: (optional) 31.2.2003

## SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name (s))	OSHA PEL	ACGIH TLV	%(optional)
Solvents CAS nr.8052-41-3	100PPM		
Additives		75PPM	

A Stoddard solvent base containing as  
proprietary properties, a surfactant, and non-metallic combustion modifiers.

## SECTION III - Physical /Chemical Characteristics

Boiling Point:	150-269 °C	Specific Gravity (H2O = 1):	.8184
Vapor Pressure:	2mmHG	Melting Point:	
Vapor Density(AIR = 1)	4.9	Evaporation Rate: ( <u>Ether</u> = 1)	70
Solubility in Water:	Negligible		
Percentage explosive in volume:	99,7%		

Appearance and Odor: Black color solvent which may contain a little precipitate under certain atmospheric conditions.

## SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) : (Pensky-Martiens) 50°F  
Flammable Limits - LEL: 1.0 UEL: 6

Extinguishing Media: Foam, Co2, or dry chemical fire fighting apparatus. (Water may be unsuitable except as a cooling agent)

Special Fire Fighting Procedures: Self- contained breathing apparatus with a full face mask is recommended for fire-fighters.

Unusual Fire and Explosion Hazards: Vapour is heavier than air and may travel along the ground or being moved by ventilation and ignited by heat, other flames and lighted sources far from the treatment point of the material. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

OSHA 174, Sept. 1985  
NFPA (NATIONAL FIRE PROTECTION ASSOCIATION STANDARD)  
Health Hazard: 1 Flammability: 2 Reactivity: 0

