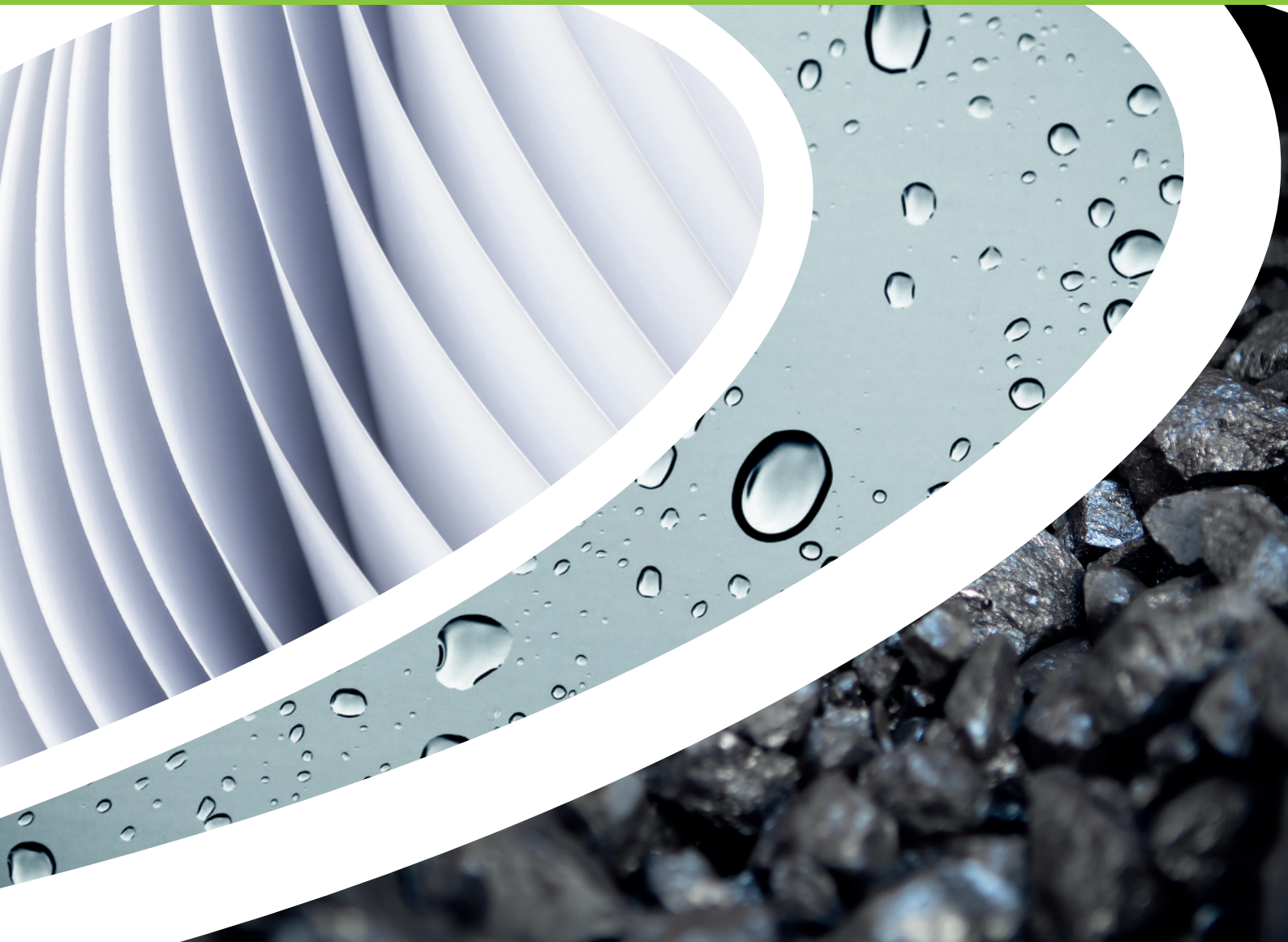




UNITED INITIATORS
driving your success



Super-Ox

Hydrogen Peroxide Products

PRODUCT NAME	DESCRIPTION OF USE	REGISTRATIONS	TYPICAL APPLICATIONS											AVAILABLE PRODUCT PACKAGING
			Pulp & Paper	Water Treatment	Mining	Electronics	Chemical Synthesis	Chemical Anchors & Mine bolts	Disinfection (Cleaning Products)	PAA Raw Material	Sodium Chlorate	Sodium Chlorite	Food Industry	
Super-Ox	This is our standard grade hydrogen peroxide. It is most suitable for industrial applications and is formulated to have high stability under standard storage conditions. It can be purchased in bulk via railcar or truck. Super-Ox ® is available in various concentrations up to 70%.	NSF, NSF ANSI 60	●	●	●				●	●				Bulk via railcar or tank truck. Smaller packaging may be available for special orders.
Super-Ox FG	A high purity grade hydrogen peroxide that has been specially developed for the food industry. FG is suitable for drinking water treatment and food equipment cleaning applications. FG meets the requirements of the Food Chemical Codex, FCC and is registered under NSF ANSI 60.	FCC Compliant, NSF ANSI 60		●									●	FG is available in carboy, drum or IBC tote packaging sizes for up to 50% concentration and in bulk shipment (railcar or tank truck) up to 70% concentration.
Super-Ox HD	A high purity grade hydrogen peroxide that has been specially developed for the cosmetic and personal care industry. HD is stabilized to meet customer requirements for dilution to 3% and delivers high stability levels when diluted with proper quality water. HD meets US Pharmacopoeia specifications.	USP Compliant, NSF ANSI 60						●	●					HD is available in various concentrations up to 50% available in carboy, drum or IBC tote packaging sizes.
Super-Ox Ultra	Our high purity grade hydrogen peroxide that has been specially developed for the chlorate manufacturing or processing industry.						●			●	●			Ultra is available in concentrations up to 70% in bulk shipment via railcar or truck.
Super-Ox HP	Our highest purity grade hydrogen peroxide that has been lightly stabilized and specially developed for electronics applications that require high purity, low residue or precipitates.					●								HP is available in carboy, drum or IBC tote packaging sizes.
Super-Ox AM	A high purity grade hydrogen peroxide that has been specially developed for production of US Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) registered products using hydrogen peroxide as an active ingredient. AM is additionally suitable in controlling biofouling and slime control.	EPA	●	●				●		●			●	AM is available in bulk via railcar or truck at 70% concentration.

Information

Maximum storage temperature is 45 degrees C, recommended to stay below 40 degrees C.

FIFRA refers to US Federal Insecticide, Fungicide and Rodenticide Act

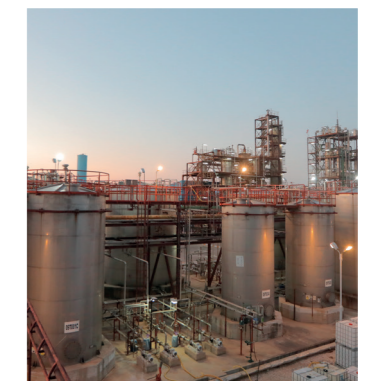
FCC refers to the Food Chemicals Codex

USP refers to the US Pharmacopoeia

NSF/ANSI/CAN 60 covers corrosion and scale control chemicals; pH adjustment, softening, precipitation and sequestering chemicals; coagulation and flocculation chemicals; well-drilling products; disinfection and oxidation chemicals; and miscellaneous and specialty chemicals for the treatment of drinking water. The standard addresses the health effects implications of treatment chemicals and related impurities.

TRANSPORTATION OF HYDROGEN PEROXIDE (NORTH AMERICA)

Concentration of H2O2	Shipping name and description	Classification
8% to <20% by weight	Hydrogen peroxide, aqueous solution with not less than 8 percent but less than 20 percent hydrogen peroxide (stabilized as necessary)	UN 2984 Class 5.1 Packing Group III
20% to ≤60% by weight	Hydrogen peroxide, aqueous solution with not less than 20 percent but not more than 60 percent hydrogen peroxide (stabilized as necessary)	UN 2014 Class 5.1 (8) Packing Group II
> 60% by weight	Hydrogen peroxide, aqueous solution, stabilized with more than 60 percent hydrogen peroxide; or hydrogen peroxide, stabilized	UN 2015 Class 5.1 (8) Packing Group I





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