

# Food & Beverage Manufacturing Safety Hazards

Comprehensive Safety Solutions from MSA



From October 2011 to October 2012, the Occupational Safety & Health Administration (OSHA) issued \$3.2M in citations to manufacturers or processors of foods and beverages. Of these, nearly 17% (~\$600K) were related to processing of hazardous chemicals. Other highly cited categories:

- Personal Protective Equipment (PPE), such as respiratory, eye/face and hearing protection (~\$312K);<sup>1</sup> and
- Confined space and records keeping, including safety training records (~\$100K).

<sup>1</sup>Includes citations issued under CFR 1910.132, PPE, General Requirements.



To help you save lives, eliminate injuries, and prevent OSHA fines on your worksite, MSA will work with you to identify areas of potential concern. Here are examples of how MSA can help:

- **Subject Matter Experts**—MSA associates serve on or lead more than 25 safety PPE standards committees, and are among the leading authorities on current and pending safety regulations and industry standards. They are available to answer your questions so you can quickly get the help you need.
- **Safety Equipment Evaluations**—Armed with up-to-date knowledge of pertinent rules and regulations, MSA experts visit company work sites, conduct evaluations of all safety equipment, and make recommendations based on the results.

- **Respiratory Fit Testing**—MSA experts will examine all respirators, make product recommendations, and provide updated respiratory qualitative and quantitative fit testing information.
- **Training and Tools**—MSA delivers a range of quality training programs and tools, including MSA-U<sup>®</sup>, our award-winning on-line program where your training can be recorded; confined space training, fall protection demonstrations and training certification programs; and more.
- **Product Solutions**—MSA offers gas detection, fall protection and complete “above-the-neck” solutions for head, eye/face, hearing and respiratory protection. MSA offers a complete suite of products to help you proactively address the hazards present in your work environment.

**For details on MSA solutions for your specific safety needs, please contact a MSA distributor or a MSA representative at 1-800-672-9010 or at [msainsidesales@msasafety.com](mailto:msainsidesales@msasafety.com).**












*Because every life has a purpose...*

# MSA Product Solutions

Listed below are some MSA product solutions available to address hazards specific to food and beverage manufacturing.



	Part No.	Description
<b>Gas Detection</b>		
	10116928	ALTAIR 5X Gas Detector for O <sub>2</sub> , LEL, CO and H <sub>2</sub> S. Configurations to detect Ammonia, Phosphine, and Carbon Dioxide also available.
	10076730	ALTAIR Pro Single-Gas Detector for Ammonia (NH <sub>3</sub> ). Combines reliable detection and alarms with clear, backlit LCD displays.
	10076735	ALTAIR Pro Single-Gas Detector for Phosphine (PH <sub>3</sub> ).
	10128643	Galaxy® GX2 System Test Stand (for use with 1–4 calibration gas cylinders) for Altair/Altair Pro Single-Gas Detector (charging).
	10128625	Galaxy GX2 System Test Stand (for use with 1–4 calibration gas cylinders) for Altair 5/Altair 5X Multigas Detector (charging).
<b>Fall Protection</b>		
	10105271	Confined Space Entry Kit containing a Lynx® rescuer, Lynx hoist, pulleys and a bracket.
	10077571	• Workman® Construction Harness
	10113164	• Workman Single-Leg Lanyard
	10113163	• Workman Twin-Leg Lanyard

	Part No.	Description
<b>Above-the-Neck Protection</b>		
	475358	White V-Gard® Cap with Fas-Trac ratchet suspension. Choose MSA Logo Express® Service for logos and striping.
	10115730	V-Gard Frame for slotted caps with debris control. (Frame is also available without debris control; order PN 10121266.)
	10115855	V-Gard Propionate Visor (8"x17"x.098") for chemicals/splash and impact (Z87+).
	10115840	V-Gard Contoured PC Visor (8"x17"x.06"). Impact-rated (Z87+).
	10106281	FlexiChem™ iV Goggle with acetate lens and AF/AS for chemical resistance designed to fit with MSA respirators. Impact-rated (Z87+).
	10061535	Sound Control™ XLS (NRR 23 dBA) Cap-mounted Muff for MSA slotted caps. (MSA V-Gard Helmet not included.)
	10111823	left/right® CutOff Pro (NRR 20 dBA) Cap-mounted Muff for MSA slotted caps. Amplifies weak sounds, letting speech and important signals through while protecting from high-impulse noise.
	10028998	• Advantage® 3100 Single-Port Full-Facepiece Respirator, standard size. (Large and small facepieces also available.)
	10059903	• Phosphine/Ammonia/Chlorine/P100 Canister (PH/AM/CL) See <a href="http://MSAsafety.com">MSAsafety.com</a> for more information.
	10095807	AirHawk® II Industrial Air Mask. Contains: Advantage 4000 Facepiece polyester net head harness nylon with chest strap, 30-min carbon cylinder and hard case.
	10108496	PremAire® Cadet Escape Kit. Contains: Advantage 4000 facepiece, 5-minute aluminum egress cylinder, with Hansen Brass Quick-Disconnects, 50-foot section of neoprene air supply hose with Hansen Brass Plug.

 This product available as a FREE sample from the MSA Try It program. Contact your MSA sales rep for details.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

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For more information, contact MSA distributor:

